

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020003.D
 Acq On : 24 Oct 2024 11:43
 Operator : SY/MD
 Sample : VY1024SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

Quant Time: Oct 25 01:38:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	204148	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	362700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	311120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	144922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126961	50.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.020%			
35) Dibromofluoromethane	7.634	113	122608	51.227	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.460%			
50) Toluene-d8	10.109	98	445154	50.365	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.720%			
62) 4-Bromofluorobenzene	12.408	95	156157	48.896	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 97.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	32280	16.985	ug/l	98
3) Chloromethane	2.074	50	47777	19.316	ug/l	98
4) Vinyl Chloride	2.208	62	56054	20.594	ug/l	98
5) Bromomethane	2.598	94	37736	21.903	ug/l	99
6) Chloroethane	2.739	64	40205	21.987	ug/l	93
7) Trichlorofluoromethane	3.062	101	85298	21.060	ug/l	93
8) Diethyl Ether	3.458	74	24392	19.816	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.824	101	50707	21.524	ug/l	91
10) Methyl Iodide	4.007	142	41352	17.355	ug/l	# 90
11) Tert butyl alcohol	4.848	59	19349m	83.308	ug/l	
12) 1,1-Dichloroethene	3.793	96	40878	18.665	ug/l	# 73
13) Acrolein	3.653	56	14110	76.393	ug/l	97
14) Allyl chloride	4.385	41	83654	21.170	ug/l	# 87
15) Acrylonitrile	5.061	53	60555	107.555	ug/l	95
16) Acetone	3.866	43	72224	110.376	ug/l	# 86
17) Carbon Disulfide	4.110	76	80219	13.665	ug/l	100
18) Methyl Acetate	4.391	43	28791	20.425	ug/l	# 86
19) Methyl tert-butyl Ether	5.116	73	134949	21.448	ug/l	100
20) Methylene Chloride	4.622	84	52725	21.345	ug/l	# 85
21) trans-1,2-Dichloroethene	5.116	96	47318	19.851	ug/l	# 85
22) Diisopropyl ether	6.019	45	208217	24.191	ug/l	# 88
23) Vinyl Acetate	5.964	43	535181	108.459	ug/l	# 91
24) 1,1-Dichloroethane	5.915	63	112883	23.593	ug/l	98
25) 2-Butanone	6.896	43	95952	109.551	ug/l	# 87
26) 2,2-Dichloropropane	6.884	77	92118	21.619	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	64905	22.034	ug/l	81
28) Bromochloromethane	7.244	49	43641	20.723	ug/l	# 70
29) Tetrahydrofuran	7.268	42	50790	101.560	ug/l	# 83
30) Chloroform	7.421	83	119363	24.473	ug/l	95
31) Cyclohexane	7.701	56	80824	19.244	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	98477	23.039	ug/l	# 94
36) 1,1-Dichloropropene	7.835	75	72191	20.936	ug/l	95
37) Ethyl Acetate	6.982	43	39343	21.881	ug/l	95
38) Carbon Tetrachloride	7.817	117	79693	21.559	ug/l	99
39) Methylcyclohexane	9.109	83	82178	18.915	ug/l	# 88
40) Benzene	8.079	78	227264	21.778	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020003.D
 Acq On : 24 Oct 2024 11:43
 Operator : SY/MD
 Sample : VY1024SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

Quant Time: Oct 25 01:38:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22039	22.648	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	69470	23.172	ug/l	93
43) Isopropyl Acetate	8.195	43	76156	20.769	ug/l #	88
44) Trichloroethene	8.866	130	53764	21.272	ug/l	91
45) 1,2-Dichloropropane	9.140	63	61140	23.408	ug/l	97
46) Dibromomethane	9.231	93	30067	21.069	ug/l	89
47) Bromodichloromethane	9.420	83	88897	23.469	ug/l	94
48) Methyl methacrylate	9.219	41	35059	21.736	ug/l #	80
49) 1,4-Dioxane	9.231	88	6058	379.287	ug/l #	69
51) 4-Methyl-2-Pentanone	10.000	43	198606	106.188	ug/l	87
52) Toluene	10.170	92	142248	21.838	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	70625	20.722	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	86294	21.458	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	43686	23.235	ug/l	98
56) Ethyl methacrylate	10.438	69	55355	20.518	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	74355	22.519	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	126724	100.900	ug/l	91
59) 2-Hexanone	10.762	43	141665	106.049	ug/l	85
60) Dibromochloromethane	10.914	129	53984	22.370	ug/l	99
61) 1,2-Dibromoethane	11.018	107	36692	21.596	ug/l	94
64) Tetrachloroethene	10.646	164	43564	19.686	ug/l	94
65) Chlorobenzene	11.438	112	156404	21.979	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	54993	22.841	ug/l	97
67) Ethyl Benzene	11.518	91	287061	22.207	ug/l	99
68) m/p-Xylenes	11.627	106	206893	43.337	ug/l	91
69) o-Xylene	11.957	106	101305	22.085	ug/l	92
70) Styrene	11.969	104	169589	21.914	ug/l	96
71) Bromoform	12.133	173	27006	20.953	ug/l #	96
73) Isopropylbenzene	12.255	105	279407	22.921	ug/l	98
74) N-amyl acetate	12.072	43	66203	20.505	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	50684	23.400	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	38401m	13.526	ug/l	
77) Bromobenzene	12.530	156	56164	21.712	ug/l	82
78) n-propylbenzene	12.597	91	343867	23.346	ug/l	96
79) 2-Chlorotoluene	12.682	91	195534	23.156	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	222848	22.637	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	13267	18.862	ug/l #	74
82) 4-Chlorotoluene	12.780	91	197968	22.928	ug/l	94
83) tert-Butylbenzene	12.999	119	203816	23.111	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	222603	22.807	ug/l	95
85) sec-Butylbenzene	13.176	105	310322	23.551	ug/l	97
86) p-Isopropyltoluene	13.292	119	245620	22.956	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	116601	22.321	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	112002	21.825	ug/l	96
89) n-Butylbenzene	13.621	91	243887	23.344	ug/l	96
90) Hexachloroethane	13.883	117	48185	23.128	ug/l	85
91) 1,2-Dichlorobenzene	13.664	146	99833	21.750	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6267	18.130	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	52264	20.307	ug/l	94
94) Hexachlorobutadiene	15.023	225	30415	21.256	ug/l	98
95) Naphthalene	15.145	128	88614	18.255	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	43447	19.970	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
Data File : VY020003.D
Acq On : 24 Oct 2024 11:43
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 01:38:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
Data File : VY020003.D
Acq On : 24 Oct 2024 11:43
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 01:38:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

