

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020020.D
 Acq On : 25 Oct 2024 12:39
 Operator : SY/MD
 Sample : VY1025SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/28/2024
 Supervised By :Semsettin Yesilyurt 10/28/2024

Quant Time: Oct 26 00:19:44 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)

Internal Standards						
1) Pentafluorobenzene	7.707	168	205407	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	366621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	310111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	149601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138965	54.945	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.880%			
35) Dibromofluoromethane	7.634	113	131798	54.478	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.960%			
50) Toluene-d8	10.103	98	472452	52.882	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.402	95	169955	52.648	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	33567	17.554	ug/l	94
3) Chloromethane	2.068	50	45156	18.144	ug/l	95
4) Vinyl Chloride	2.202	62	52514	19.175	ug/l	96
5) Bromomethane	2.592	94	35500	20.479	ug/l	93
6) Chloroethane	2.732	64	37630	20.453	ug/l	99
7) Trichlorofluoromethane	3.056	101	78941	19.371	ug/l	90
8) Diethyl Ether	3.452	74	24409	19.708	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.818	101	48175	20.324	ug/l	91
10) Methyl Iodide	4.007	142	37168	15.504	ug/l	92
11) Tert butyl alcohol	4.854	59	25277	113.797	ug/l #	82
12) 1,1-Dichloroethene	3.787	96	39476	17.914	ug/l	84
13) Acrolein	3.653	56	14418	77.582	ug/l	97
14) Allyl chloride	4.385	41	78213	19.671	ug/l #	89
15) Acrylonitrile	5.061	53	64989	114.722	ug/l	95
16) Acetone	3.866	43	83012	126.085	ug/l #	84
17) Carbon Disulfide	4.110	76	72600	12.292	ug/l	97
18) Methyl Acetate	4.385	43	30782	21.704	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	133855	21.143	ug/l	96
20) Methylene Chloride	4.616	84	52087	20.943	ug/l #	76
21) trans-1,2-Dichloroethene	5.110	96	43721	18.230	ug/l	86
22) Diisopropyl ether	6.019	45	196154	22.649	ug/l	91
23) Vinyl Acetate	5.964	43	535726	107.904	ug/l #	88
24) 1,1-Dichloroethane	5.909	63	104672	21.743	ug/l	95
25) 2-Butanone	6.896	43	107968	122.515	ug/l #	87
26) 2,2-Dichloropropane	6.884	77	85799	20.012	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	59728	20.152	ug/l	81
28) Bromochloromethane	7.238	49	45522	21.484	ug/l #	71
29) Tetrahydrofuran	7.262	42	56684	112.651	ug/l #	79
30) Chloroform	7.421	83	108956	22.202	ug/l	97
31) Cyclohexane	7.701	56	74255	17.571	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	90270	20.990	ug/l	94
36) 1,1-Dichloropropene	7.835	75	65216	18.711	ug/l	96
37) Ethyl Acetate	6.982	43	41423	22.792	ug/l	95
38) Carbon Tetrachloride	7.817	117	74904	20.047	ug/l	94
39) Methylcyclohexane	9.103	83	73345	16.701	ug/l #	84
40) Benzene	8.079	78	209793	19.889	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020020.D
 Acq On : 25 Oct 2024 12:39
 Operator : SY/MD
 Sample : VY1025SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/28/2024
 Supervised By :Semsettin Yesilyurt 10/28/2024

Quant Time: Oct 26 00:19:44 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)
41) Methacrylonitrile	7.226	41	20274m	20.611	ug/l	
42) 1,2-Dichloroethane	8.158	62	64516	21.289	ug/l	95
43) Isopropyl Acetate	8.195	43	78067	21.062	ug/l #	90
44) Trichloroethene	8.866	130	48322	18.914	ug/l	87
45) 1,2-Dichloropropane	9.140	63	57399	21.740	ug/l	96
46) Dibromomethane	9.231	93	28877	20.019	ug/l	92
47) Bromodichloromethane	9.420	83	83027	21.685	ug/l #	96
48) Methyl methacrylate	9.219	41	34351	21.069	ug/l #	82
49) 1,4-Dioxane	9.231	88	7061	437.356	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	214645	113.536	ug/l	88
52) Toluene	10.170	92	130415	19.807	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	68915	20.004	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	80315	19.758	ug/l #	82
55) 1,1,2-Trichloroethane	10.566	97	42386	22.303	ug/l	99
56) Ethyl methacrylate	10.438	69	55794	20.460	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	73452	22.008	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.707	63	137730	108.491	ug/l	92
59) 2-Hexanone	10.762	43	158353	117.274	ug/l	87
60) Dibromochloromethane	10.908	129	51361	21.055	ug/l	99
61) 1,2-Dibromoethane	11.012	107	34874	20.307	ug/l	97
64) Tetrachloroethene	10.646	164	41742	18.924	ug/l	92
65) Chlorobenzene	11.438	112	145853	20.563	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	51261	21.361	ug/l	98
67) Ethyl Benzene	11.518	91	262423	20.367	ug/l	99
68) m/p-Xylenes	11.627	106	190760	40.087	ug/l	94
69) o-Xylene	11.950	106	91722	20.061	ug/l	88
70) Styrene	11.969	104	157286	20.390	ug/l	95
71) Bromoform	12.127	173	26163	20.365	ug/l #	97
73) Isopropylbenzene	12.249	105	258501	20.543	ug/l	96
74) N-amyl acetate	12.072	43	70026	21.011	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	53326	23.850	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	33697m	11.498	ug/l	
77) Bromobenzene	12.530	156	52481	19.654	ug/l	81
78) n-propylbenzene	12.591	91	318028	20.916	ug/l	97
79) 2-Chlorotoluene	12.676	91	176367	20.233	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	203120	19.988	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	14233	19.603	ug/l #	78
82) 4-Chlorotoluene	12.773	91	183149	20.549	ug/l	93
83) tert-Butylbenzene	12.993	119	187832	20.632	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	204765	20.323	ug/l	95
85) sec-Butylbenzene	13.176	105	291323	21.418	ug/l	97
86) p-Isopropyltoluene	13.292	119	225961	20.458	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	110308	20.456	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	108176	20.420	ug/l	95
89) n-Butylbenzene	13.615	91	227704	21.113	ug/l	97
90) Hexachloroethane	13.877	117	44380	20.635	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	97901	20.662	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7719	21.632	ug/l	69
93) 1,2,4-Trichlorobenzene	14.919	180	53327	20.072	ug/l	96
94) Hexachlorobutadiene	15.023	225	29897	20.240	ug/l	99
95) Naphthalene	15.145	128	97840	19.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	45268	20.156	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
Data File : VY020020.D
Acq On : 25 Oct 2024 12:39
Operator : SY/MD
Sample : VY1025SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/28/2024
Supervised By :Semsettin Yesilyurt 10/28/2024

Quant Time: Oct 26 00:19:44 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

