

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020241.D
 Acq On : 11 Nov 2024 12:16
 Operator : SY/MD
 Sample : VY1111SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBS01

Quant Time: Nov 11 23:12:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	253989	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	455957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	179570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165863	52.324	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	104.640%	
35) Dibromofluoromethane	7.634	113	154900	53.433	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	106.860%	
50) Toluene-d8	10.109	98	600816	52.067	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.140%	
62) 4-Bromofluorobenzene	12.408	95	199524	53.234	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	106.460%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	38187	16.242	ug/l	100
3) Chloromethane	2.068	50	85843	22.043	ug/l	100
4) Vinyl Chloride	2.202	62	90862	21.733	ug/l	100
5) Bromomethane	2.598	94	69236	24.943	ug/l	96
6) Chloroethane	2.732	64	64277	23.823	ug/l	95
7) Trichlorofluoromethane	3.050	101	115870	22.687	ug/l	91
8) Diethyl Ether	3.452	74	29326	20.587	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.818	101	59545	20.786	ug/l	91
10) Methyl Iodide	4.007	142	53732	19.428	ug/l #	88
11) Tert butyl alcohol	4.897	59	19854	87.073	ug/l #	96
12) 1,1-Dichloroethene	3.787	96	53053	19.356	ug/l #	81
13) Acrolein	3.653	56	20217	71.226	ug/l	97
14) Allyl chloride	4.385	41	96155	19.445	ug/l #	88
15) Acrylonitrile	5.067	53	61926	95.502	ug/l #	88
16) Acetone	3.885	43	65485	88.831	ug/l #	86
17) Carbon Disulfide	4.104	76	157124	17.226	ug/l	99
18) Methyl Acetate	4.397	43	33223	19.208	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	142049	20.600	ug/l	97
20) Methylene Chloride	4.610	84	60665	18.319	ug/l #	86
21) trans-1,2-Dichloroethene	5.116	96	61553	19.913	ug/l	85
22) Diisopropyl ether	6.019	45	209720	20.437	ug/l	90
23) Vinyl Acetate	5.964	43	564731	97.788	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	120722	20.317	ug/l	94
25) 2-Butanone	6.902	43	93133	93.199	ug/l #	82
26) 2,2-Dichloropropane	6.884	77	104436	21.124	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	72082	20.286	ug/l	82
28) Bromochloromethane	7.250	49	51776	18.609	ug/l #	73
29) Tetrahydrofuran	7.268	42	54029	93.688	ug/l #	83
30) Chloroform	7.421	83	122990	20.858	ug/l	95
31) Cyclohexane	7.701	56	107127	18.622	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	109910	21.350	ug/l	95
36) 1,1-Dichloropropene	7.835	75	87511	19.541	ug/l	95
37) Ethyl Acetate	6.988	43	38623	18.090	ug/l	96
38) Carbon Tetrachloride	7.817	117	90560	20.110	ug/l	91
39) Methylcyclohexane	9.109	83	107324	18.883	ug/l	88
40) Benzene	8.079	78	266254	20.370	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020241.D
 Acq On : 11 Nov 2024 12:16
 Operator : SY/MD
 Sample : VY1111SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBS01

Quant Time: Nov 11 23:12:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	23399	21.878	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	73765	20.388	ug/l	94
43) Isopropyl Acetate	8.195	43	79549	19.375	ug/l #	78
44) Trichloroethene	8.866	130	61471	20.291	ug/l	81
45) 1,2-Dichloropropane	9.140	63	64220	20.535	ug/l	99
46) Dibromomethane	9.231	93	34002	20.066	ug/l	89
47) Bromodichloromethane	9.426	83	91687	20.654	ug/l #	99
48) Methyl methacrylate	9.225	41	36189	19.029	ug/l #	82
49) 1,4-Dioxane	9.244	88	6267	359.225	ug/l #	65
51) 4-Methyl-2-Pentanone	9.999	43	201703	95.344	ug/l	89
52) Toluene	10.170	92	163562	20.300	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	79067	20.170	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	97807	20.904	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	44581	21.160	ug/l	98
56) Ethyl methacrylate	10.438	69	59914	19.824	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	78482	20.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	128400	86.147	ug/l	93
59) 2-Hexanone	10.762	43	144436	95.232	ug/l	85
60) Dibromochloromethane	10.908	129	55415	20.634	ug/l	100
61) 1,2-Dibromoethane	11.012	107	38944	19.895	ug/l	98
64) Tetrachloroethene	10.646	164	55581	21.640	ug/l	93
65) Chlorobenzene	11.444	112	171415	20.680	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	55907	21.111	ug/l	98
67) Ethyl Benzene	11.518	91	319818	20.641	ug/l	98
68) m/p-Xylenes	11.627	106	240043	42.344	ug/l	95
69) o-Xylene	11.956	106	112695	20.997	ug/l	94
70) Styrene	11.969	104	185921	20.951	ug/l	95
71) Bromoform	12.133	173	28760	21.169	ug/l #	94
73) Isopropylbenzene	12.255	105	305375	21.288	ug/l	98
74) N-ethyl acetate	12.072	43	68021	18.969	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	50627	20.180	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	37838m	22.479	ug/l	
77) Bromobenzene	12.530	156	60967	21.015	ug/l	84
78) n-propylbenzene	12.597	91	378368	21.193	ug/l	96
79) 2-Chlorotoluene	12.682	91	210799	21.271	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	240929	20.920	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	15315	19.570	ug/l #	78
82) 4-Chlorotoluene	12.779	91	213795	21.159	ug/l	94
83) tert-Butylbenzene	12.999	119	216820	21.530	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	238577	20.915	ug/l	96
85) sec-Butylbenzene	13.176	105	321940	20.824	ug/l	97
86) p-Isopropyltoluene	13.292	119	259341	20.905	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	121202	20.565	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	120603	20.549	ug/l	96
89) n-Butylbenzene	13.621	91	258936	20.821	ug/l	96
90) Hexachloroethane	13.883	117	49679	20.248	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	108544	21.188	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7546	19.833	ug/l	71
93) 1,2,4-Trichlorobenzene	14.925	180	52673	19.140	ug/l	97
94) Hexachlorobutadiene	15.023	225	30539	20.294	ug/l	99
95) Naphthalene	15.145	128	94547	18.379	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	43712	18.712	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
Data File : VY020241.D
Acq On : 11 Nov 2024 12:16
Operator : SY/MD
Sample : VY1111SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024

Quant Time: Nov 11 23:12:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 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\VY111124\
Data File : VY020241.D
Acq On : 11 Nov 2024 12:16
Operator : SY/MD
Sample : VY1111SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024

Quant Time: Nov 11 23:12:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

