

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020716.D
 Acq On : 26 Dec 2024 14:54
 Operator : SY/MD
 Sample : VY1226SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Quant Time: Dec 26 16:20:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	115773	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	164224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	140702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	73666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	54334	57.297	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.600%			
35) Dibromofluoromethane	7.640	113	48081	53.153	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.300%			
50) Toluene-d8	10.109	98	187843	52.144	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.280%			
62) 4-Bromofluorobenzene	12.408	95	63630	52.931	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	17441	19.139	ug/l	98
3) Chloromethane	2.074	50	6322	18.602	ug/l	98
4) Vinyl Chloride	2.208	62	7607	18.066	ug/l	99
5) Bromomethane	2.598	94	6224	19.577	ug/l	99
6) Chloroethane	2.739	64	4905	19.418	ug/l #	79
7) Trichlorofluoromethane	3.068	101	30303	18.714	ug/l	98
8) Diethyl Ether	3.464	74	7587	19.690	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	17468	19.650	ug/l	98
10) Methyl Iodide	4.013	142	17994	18.511	ug/l	99
11) Tert butyl alcohol	4.878	59	7675	118.687	ug/l #	86
12) 1,1-Dichloroethene	3.799	96	14934	18.874	ug/l	95
13) Acrolein	3.659	56	2748	138.625	ug/l	94
14) Allyl chloride	4.397	41	17724	19.142	ug/l	97
15) Acrylonitrile	5.061	53	15350	103.122	ug/l	97
16) Acetone	3.879	43	11944	99.286	ug/l	90
17) Carbon Disulfide	4.116	76	34956	18.010	ug/l #	95
18) Methyl Acetate	4.397	43	6556	20.136	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	45438	20.603	ug/l	98
20) Methylene Chloride	4.622	84	15375	19.651	ug/l	91
21) trans-1,2-Dichloroethene	5.128	96	16474	19.321	ug/l	95
22) Diisopropyl ether	6.031	45	38970	20.704	ug/l	95
23) Vinyl Acetate	5.970	43	116491	103.614	ug/l	100
24) 1,1-Dichloroethane	5.921	63	28192	19.977	ug/l	99
25) 2-Butanone	6.902	43	17284	106.360	ug/l	96
26) 2,2-Dichloropropane	6.896	77	33722	19.523	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	20089	19.674	ug/l	99
28) Bromochloromethane	7.256	49	6573	17.613	ug/l	94
29) Tetrahydrofuran	7.268	42	10662	106.889	ug/l	96
30) Chloroform	7.433	83	36048	19.857	ug/l	95
31) Cyclohexane	7.713	56	23333	19.155	ug/l #	94
32) 1,1,1-Trichloroethane	7.628	97	37936	19.495	ug/l	98
36) 1,1-Dichloropropene	7.847	75	22746	19.036	ug/l	98
37) Ethyl Acetate	7.000	43	8095	20.559	ug/l #	96
38) Carbon Tetrachloride	7.829	117	37355	18.985	ug/l	96
39) Methylcyclohexane	9.115	83	29413	19.205	ug/l	95
40) Benzene	8.085	78	67196	19.404	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020716.D
 Acq On : 26 Dec 2024 14:54
 Operator : SY/MD
 Sample : VY1226SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Quant Time: Dec 26 16:20:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	3914	19.679	ug/l #	90
42) 1,2-Dichloroethane	8.164	62	21623	19.473	ug/l	98
43) Isopropyl Acetate	8.201	43	17100	20.432	ug/l #	88
44) Trichloroethene	8.872	130	20239	19.567	ug/l	96
45) 1,2-Dichloropropane	9.146	63	13502	19.262	ug/l	97
46) Dibromomethane	9.237	93	9888	20.387	ug/l	98
47) Bromodichloromethane	9.426	83	26772	19.469	ug/l	96
48) Methyl methacrylate	9.225	41	7800	19.957	ug/l	99
49) 1,4-Dioxane	9.231	88	2134	461.904	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	42327	104.782	ug/l	99
52) Toluene	10.176	92	46778	19.709	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	24006	19.877	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	26559	20.063	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	12818	20.704	ug/l	95
56) Ethyl methacrylate	10.445	69	16409	20.175	ug/l	99
57) 1,3-Dichloropropane	10.719	76	20462	20.363	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	29367	103.542	ug/l	99
59) 2-Hexanone	10.762	43	28166	105.605	ug/l	100
60) Dibromochloromethane	10.914	129	20157	20.149	ug/l	100
61) 1,2-Dibromoethane	11.018	107	11828	20.304	ug/l	98
64) Tetrachloroethene	10.652	164	18659	19.410	ug/l	99
65) Chlorobenzene	11.444	112	55362	20.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	21331	19.985	ug/l	98
67) Ethyl Benzene	11.524	91	94825	19.693	ug/l	97
68) m/p-Xylenes	11.633	106	73507	40.019	ug/l	99
69) o-Xylene	11.956	106	34142	19.455	ug/l	96
70) Styrene	11.975	104	58678	19.918	ug/l	99
71) Bromoform	12.139	173	12816	20.885	ug/l #	94
73) Isopropylbenzene	12.255	105	97450	19.094	ug/l	99
74) N-amyl acetate	12.072	43	14818	20.431	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	13020	19.900	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	9507m	20.291	ug/l	
77) Bromobenzene	12.536	156	22787	19.396	ug/l	99
78) n-propylbenzene	12.597	91	110719	19.355	ug/l	99
79) 2-Chlorotoluene	12.682	91	63619	19.509	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	82956	19.509	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	4691	19.790	ug/l	96
82) 4-Chlorotoluene	12.779	91	64772	19.219	ug/l	99
83) tert-Butylbenzene	12.999	119	78168	19.685	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	81496	19.695	ug/l	98
85) sec-Butylbenzene	13.182	105	104334	19.495	ug/l	99
86) p-Isopropyltoluene	13.298	119	91757	19.238	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	45422	19.781	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	44221	19.360	ug/l	98
89) n-Butylbenzene	13.621	91	77813	19.544	ug/l	100
90) Hexachloroethane	13.883	117	16909	18.644	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	39466	20.046	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2690	21.198	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	24888	19.888	ug/l	98
94) Hexachlorobutadiene	15.029	225	17981	19.715	ug/l	98
95) Naphthalene	15.151	128	39363	19.639	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	20507	19.681	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020716.D
Acq On : 26 Dec 2024 14:54
Operator : SY/MD
Sample : VY1226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

Quant Time: Dec 26 16:20:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 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\VY122624\
Data File : VY020716.D
Acq On : 26 Dec 2024 14:54
Operator : SY/MD
Sample : VY1226SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

Quant Time: Dec 26 16:20:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

