

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017115.D
 Acq On : 26 Jan 2024 12:24
 Operator : SY/MD
 Sample : VY0126SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 29 04:15:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	117848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	173416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63512	55.314	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.620%			
35) Dibromofluoromethane	7.722	113	64598	53.541	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.080%			
50) Toluene-d8	10.185	98	243917	53.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.060%			
62) 4-Bromofluorobenzene	12.489	95	75482	53.769	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24706	26.304	ug/l	98
3) Chloromethane	2.113	50	39745	24.152	ug/l	95
4) Vinyl Chloride	2.253	62	47714	25.807	ug/l	100
5) Bromomethane	2.644	94	34937	25.735	ug/l	93
6) Chloroethane	2.796	64	30106	25.092	ug/l	99
7) Trichlorofluoromethane	3.125	101	48649	23.188	ug/l	95
8) Diethyl Ether	3.534	74	14896	21.938	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	29099	22.075	ug/l	100
10) Methyl Iodide	4.095	142	24316	19.417	ug/l	98
11) Tert butyl alcohol	4.954	59	11453	130.590	ug/l	97
12) 1,1-Dichloroethene	3.875	96	26142	21.665	ug/l	93
13) Acrolein	3.735	56	14926	108.392	ug/l	98
14) Allyl chloride	4.485	41	39384	21.595	ug/l	98
15) Acrylonitrile	5.168	53	33967	115.264	ug/l	99
16) Acetone	3.948	43	44423	126.399	ug/l	93
17) Carbon Disulfide	4.198	76	74374	20.451	ug/l	99
18) Methyl Acetate	4.485	43	26258	22.292	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	64422	21.879	ug/l	99
20) Methylene Chloride	4.723	84	31890	21.517	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	30071	21.546	ug/l	98
22) Diisopropyl ether	6.125	45	91710	22.781	ug/l	97
23) Vinyl Acetate	6.070	43	219480	112.391	ug/l	97
24) 1,1-Dichloroethane	6.021	63	54051	22.012	ug/l	98
25) 2-Butanone	6.996	43	55367	120.643	ug/l	99
26) 2,2-Dichloropropane	6.990	77	44416	21.178	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	33159	21.439	ug/l	98
28) Bromochloromethane	7.344	49	22274	22.785	ug/l	98
29) Tetrahydrofuran	7.356	42	27322	117.349	ug/l	98
30) Chloroform	7.515	83	54569	21.825	ug/l	99
31) Cyclohexane	7.789	56	47741	21.653	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	47314	22.068	ug/l	99
36) 1,1-Dichloropropene	7.923	75	41839	21.076	ug/l	99
37) Ethyl Acetate	7.082	43	20078	23.522	ug/l	99
38) Carbon Tetrachloride	7.911	117	41419	21.291	ug/l	98
39) Methylcyclohexane	9.191	83	49512	20.737	ug/l	96
40) Benzene	8.167	78	124391	21.577	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017115.D
 Acq On : 26 Jan 2024 12:24
 Operator : SY/MD
 Sample : VY0126SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 29 04:15:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	9316	20.407	ug/l	89
42) 1,2-Dichloroethane	8.246	62	32837	21.970	ug/l	100
43) Isopropyl Acetate	8.277	43	36213	22.726	ug/l	99
44) Trichloroethene	8.947	130	30959	20.938	ug/l	96
45) 1,2-Dichloropropane	9.222	63	31051	21.944	ug/l	100
46) Dibromomethane	9.313	93	16268	21.648	ug/l	100
47) Bromodichloromethane	9.502	83	41995	21.966	ug/l	98
48) Methyl methacrylate	9.301	41	19616	22.171	ug/l	98
49) 1,4-Dioxane	9.307	88	3315	448.525	ug/l	87
51) 4-Methyl-2-Pentanone	10.075	43	95366	112.506	ug/l	100
52) Toluene	10.252	92	75945	21.765	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	37610	21.535	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	46216	21.516	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	23130	22.022	ug/l	95
56) Ethyl methacrylate	10.514	69	19863	21.626	ug/l	98
57) 1,3-Dichloropropane	10.795	76	39408	22.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	71691	112.448	ug/l	99
59) 2-Hexanone	10.837	43	76523	118.331	ug/l	98
60) Dibromochloromethane	10.990	129	25714	21.073	ug/l	97
61) 1,2-Dibromoethane	11.093	107	20010	20.972	ug/l	95
64) Tetrachloroethene	10.728	164	25266	20.903	ug/l	98
65) Chlorobenzene	11.520	112	77565	21.107	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	28451	21.195	ug/l	100
67) Ethyl Benzene	11.599	91	140320	21.004	ug/l	99
68) m/p-Xylenes	11.709	106	105120	41.880	ug/l	99
69) o-Xylene	12.038	106	47113	20.663	ug/l	97
70) Styrene	12.050	104	70663	21.348	ug/l	99
71) Bromoform	12.215	173	14486	21.522	ug/l #	99
73) Isopropylbenzene	12.337	105	131632	21.587	ug/l	100
74) N-amyl acetate	12.148	43	28335	23.054	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	25898	22.273	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	18038m	20.035	ug/l	
77) Bromobenzene	12.611	156	28924	21.922	ug/l	99
78) n-propylbenzene	12.678	91	163834	22.338	ug/l	99
79) 2-Chlorotoluene	12.764	91	88066	21.882	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	106256	22.018	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	7453	21.431	ug/l	98
82) 4-Chlorotoluene	12.861	91	91917	22.036	ug/l	100
83) tert-Butylbenzene	13.081	119	91902	22.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	105358	21.966	ug/l	98
85) sec-Butylbenzene	13.258	105	137739	22.285	ug/l	99
86) p-Isopropyltoluene	13.373	119	113079	21.963	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	56650	21.747	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	55860	21.795	ug/l	98
89) n-Butylbenzene	13.703	91	109363	22.022	ug/l	100
90) Hexachloroethane	13.965	117	23292	21.705	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	47886	21.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3223	21.703	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	25134	21.620	ug/l	98
94) Hexachlorobutadiene	15.117	225	15196	21.719	ug/l	96
95) Naphthalene	15.239	128	42522	20.710	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	20926	21.636	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
Data File : VY017115.D
Acq On : 26 Jan 2024 12:24
Operator : SY/MD
Sample : VY0126SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 29 04:15:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

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

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

