

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018108.D
 Acq On : 02 May 2024 11:06
 Operator : SY/MD
 Sample : VY0502SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0502SBS02

Quant Time: May 02 22:59:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	281692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	464287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	401369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118228	53.246	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	106.500%	
35) Dibromofluoromethane	7.710	113	136628	51.208	ug/l	-0.01
Spiked Amount 50.000	Range 54	- 147	Recovery	=	102.420%	
50) Toluene-d8	10.179	98	529174	50.803	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	101.600%	
62) 4-Bromofluorobenzene	12.483	95	175833	49.052	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	98.100%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49935	22.207	ug/l	98
3) Chloromethane	2.107	50	67904	23.112	ug/l	98
4) Vinyl Chloride	2.247	62	72253	22.730	ug/l	98
5) Bromomethane	2.650	94	39626	20.196	ug/l	99
6) Chloroethane	2.790	64	46551	23.515	ug/l	98
7) Trichlorofluoromethane	3.119	101	90274	21.332	ug/l	94
8) Diethyl Ether	3.521	74	31528	23.203	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	55946	21.184	ug/l	93
10) Methyl Iodide	4.088	142	78301	22.369	ug/l	98
11) Tert butyl alcohol	4.954	59	23373	129.156	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	59857	22.226	ug/l	91
13) Acrolein	3.723	56	27740	102.989	ug/l	98
14) Allyl chloride	4.472	41	77018	21.630	ug/l	99
15) Acrylonitrile	5.149	53	60308	118.159	ug/l	98
16) Acetone	3.942	43	44132	104.332	ug/l	90
17) Carbon Disulfide	4.186	76	174977	21.759	ug/l	99
18) Methyl Acetate	4.466	43	24165	22.306	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	145491	23.543	ug/l	99
20) Methylene Chloride	4.704	84	69695	23.513	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	64859	22.655	ug/l	91
22) Diisopropyl ether	6.112	45	163399	22.282	ug/l	96
23) Vinyl Acetate	6.051	43	530892	114.142	ug/l	100
24) 1,1-Dichloroethane	6.009	63	95815	21.638	ug/l	98
25) 2-Butanone	6.978	43	76971	116.966	ug/l	95
26) 2,2-Dichloropropane	6.972	77	92200	22.264	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	76771	22.486	ug/l	96
28) Bromochloromethane	7.326	49	39046	21.819	ug/l	88
29) Tetrahydrofuran	7.344	42	50022	119.570	ug/l	98
30) Chloroform	7.496	83	105024	22.413	ug/l	98
31) Cyclohexane	7.783	56	89809	21.109	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	92158	21.548	ug/l	98
36) 1,1-Dichloropropene	7.917	75	75675	21.248	ug/l	97
37) Ethyl Acetate	7.070	43	35844	23.127	ug/l #	94
38) Carbon Tetrachloride	7.899	117	83749	20.717	ug/l	99
39) Methylcyclohexane	9.179	83	108071	20.659	ug/l	94
40) Benzene	8.155	78	249881	21.834	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018108.D
 Acq On : 02 May 2024 11:06
 Operator : SY/MD
 Sample : VY0502SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0502SBS02

Quant Time: May 02 22:59:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20467	22.393	ug/l	95
42) 1,2-Dichloroethane	8.234	62	58123	21.922	ug/l	97
43) Isopropyl Acetate	8.264	43	72438	22.246	ug/l	96
44) Trichloroethene	8.935	130	68879	21.223	ug/l	96
45) 1,2-Dichloropropane	9.209	63	54202	21.707	ug/l	95
46) Dibromomethane	9.301	93	34031	22.416	ug/l	96
47) Bromodichloromethane	9.496	83	80875	21.700	ug/l	97
48) Methyl methacrylate	9.289	41	33897	22.741	ug/l	92
49) 1,4-Dioxane	9.313	88	7957	472.422	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	180451	113.467	ug/l	97
52) Toluene	10.240	92	160635	21.208	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	77925	21.639	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	92577	21.883	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	45829	22.445	ug/l	95
56) Ethyl methacrylate	10.508	69	63348	21.943	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	74271	22.768	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	146065	108.386	ug/l	92
59) 2-Hexanone	10.831	43	127968	112.741	ug/l	95
60) Dibromochloromethane	10.983	129	61602	22.212	ug/l	97
61) 1,2-Dibromoethane	11.087	107	43631	22.299	ug/l	98
64) Tetrachloroethene	10.715	164	59509	20.482	ug/l	99
65) Chlorobenzene	11.514	112	180969	21.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60364	21.182	ug/l	99
67) Ethyl Benzene	11.593	91	300356	21.142	ug/l	94
68) m/p-Xylenes	11.703	106	239173	42.015	ug/l	96
69) o-Xylene	12.026	106	115379	21.098	ug/l	95
70) Styrene	12.044	104	198162	21.530	ug/l	98
71) Bromoform	12.209	173	35348	21.167	ug/l #	98
73) Isopropylbenzene	12.331	105	290498	20.678	ug/l	97
74) N-ethyl acetate	12.142	43	67775	21.980	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	49793	22.274	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	33928m	21.657	ug/l	
77) Bromobenzene	12.611	156	71229	21.338	ug/l	93
78) n-propylbenzene	12.672	91	339204	20.967	ug/l	96
79) 2-Chlorotoluene	12.758	91	189551	20.630	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	235156	20.769	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18911	21.992	ug/l	95
82) 4-Chlorotoluene	12.855	91	195793	20.796	ug/l	96
83) tert-Butylbenzene	13.075	119	215030	20.743	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	234796	21.168	ug/l	99
85) sec-Butylbenzene	13.251	105	309653	20.816	ug/l	97
86) p-Isopropyltoluene	13.367	119	259492	20.932	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	135793	21.268	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	135651	21.556	ug/l	99
89) n-Butylbenzene	13.696	91	231937	21.141	ug/l	97
90) Hexachloroethane	13.959	117	51209	20.332	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	119564	21.491	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6953	20.619	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	65926	21.202	ug/l	97
94) Hexachlorobutadiene	15.111	225	35503	20.627	ug/l	95
95) Naphthalene	15.233	128	126801	22.148	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57901	22.316	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
Data File : VY018108.D
Acq On : 02 May 2024 11:06
Operator : SY/MD
Sample : VY0502SBS02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0502SBS02

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 02 22:59:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 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\VY050224\
Data File : VY018108.D
Acq On : 02 May 2024 11:06
Operator : SY/MD
Sample : VY0502SBS02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0502SBS02

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 02 22:59:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

