

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018031.D
 Acq On : 24 Apr 2024 11:25
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/25/2024
 Supervised By :Semsettin Yesilyurt 04/25/2024

Quant Time: Apr 25 01:32:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	349452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	541452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	475050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	226544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150084	49.630	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.260%		
35) Dibromofluoromethane	7.715	113	177276	53.070	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.140%		
50) Toluene-d8	10.178	98	700684	55.280	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	110.560%		
62) 4-Bromofluorobenzene	12.483	95	205068	52.239	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.899	85	62177	22.428	ug/l	100
3) Chloromethane	2.113	50	91097	19.831	ug/l	97
4) Vinyl Chloride	2.247	62	101188	19.543	ug/l	97
5) Bromomethane	2.643	94	72164	20.940	ug/l	97
6) Chloroethane	2.789	64	64721	19.800	ug/l	98
7) Trichlorofluoromethane	3.119	101	125083	21.436	ug/l	95
8) Diethyl Ether	3.527	74	38332	20.789	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	77395	21.299	ug/l	96
10) Methyl Iodide	4.082	142	102147	21.130	ug/l	98
11) Tert butyl alcohol	4.948	59	20872	86.898	ug/l #	87
12) 1,1-Dichloroethene	3.862	96	76555	21.702	ug/l	99
13) Acrolein	3.722	56	27970	118.760	ug/l	97
14) Allyl chloride	4.472	41	99642	21.827	ug/l	93
15) Acrylonitrile	5.155	53	75556	100.922	ug/l	99
16) Acetone	3.942	43	52860	88.466	ug/l	94
17) Carbon Disulfide	4.192	76	226304	20.166	ug/l	98
18) Methyl Acetate	4.466	43	28950	18.417	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	156155	20.312	ug/l	100
20) Methylene Chloride	4.710	84	97229	24.018	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	84033	21.746	ug/l	100
22) Diisopropyl ether	6.112	45	227954	22.778	ug/l	96
23) Vinyl Acetate	6.057	43	612667	103.238	ug/l	97
24) 1,1-Dichloroethane	6.008	63	145687	22.296	ug/l	97
25) 2-Butanone	6.984	43	85157	96.959	ug/l	93
26) 2,2-Dichloropropane	6.978	77	119661	22.826	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	97680	22.133	ug/l	99
28) Bromochloromethane	7.331	49	55530	21.604	ug/l	95
29) Tetrahydrofuran	7.344	42	53842	96.603	ug/l	94
30) Chloroform	7.502	83	148801	22.282	ug/l	99
31) Cyclohexane	7.782	56	120094	20.777	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	122773	22.073	ug/l	98
36) 1,1-Dichloropropene	7.917	75	106691	21.962	ug/l	99
37) Ethyl Acetate	7.069	43	39894	19.960	ug/l #	97
38) Carbon Tetrachloride	7.898	117	111687	22.756	ug/l	97
39) Methylcyclohexane	9.185	83	130150	20.559	ug/l	96
40) Benzene	8.160	78	344941	22.669	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018031.D
 Acq On : 24 Apr 2024 11:25
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/25/2024
 Supervised By :Semsettin Yesilyurt 04/25/2024

Quant Time: Apr 25 01:32:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	27369m	21.701	ug/l	
42) 1,2-Dichloroethane	8.234	62	75976	21.791	ug/l	99
43) Isopropyl Acetate	8.270	43	72878	19.561	ug/l	99
44) Trichloroethene	8.941	130	87185	22.547	ug/l	99
45) 1,2-Dichloropropane	9.215	63	78601	22.440	ug/l	100
46) Dibromomethane	9.307	93	41335	21.334	ug/l	97
47) Bromodichloromethane	9.496	83	108652	22.352	ug/l	100
48) Methyl methacrylate	9.294	41	33255	19.479	ug/l	95
49) 1,4-Dioxane	9.301	88	8683	392.562	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	194480	98.467	ug/l	98
52) Toluene	10.245	92	214712	22.995	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	96555	21.758	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	119649	21.948	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	55529	21.083	ug/l	96
56) Ethyl methacrylate	10.514	69	66758	19.442	ug/l	97
57) 1,3-Dichloropropane	10.794	76	96070	21.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	155976	87.389	ug/l	98
59) 2-Hexanone	10.837	43	132471	98.254	ug/l	96
60) Dibromochloromethane	10.989	129	74460	21.997	ug/l	97
61) 1,2-Dibromoethane	11.093	107	51018	20.784	ug/l	100
64) Tetrachloroethene	10.721	164	75605	22.217	ug/l	99
65) Chlorobenzene	11.520	112	233946	22.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	77503	22.575	ug/l	98
67) Ethyl Benzene	11.593	91	388882	22.183	ug/l	99
68) m/p-Xylenes	11.703	106	301589	44.792	ug/l	98
69) o-Xylene	12.032	106	138874	22.086	ug/l	99
70) Styrene	12.044	104	236169	22.223	ug/l	99
71) Bromoform	12.209	173	40001	20.166	ug/l #	97
73) Isopropylbenzene	12.330	105	362991	21.990	ug/l	99
74) N-amyl acetate	12.148	43	65300	19.596	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	61189	19.875	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	39978m	18.806	ug/l	
77) Bromobenzene	12.611	156	87863	21.995	ug/l	98
78) n-propylbenzene	12.672	91	453788	22.657	ug/l	100
79) 2-Chlorotoluene	12.757	91	252616	22.534	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	296725	22.669	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	21096	20.461	ug/l	98
82) 4-Chlorotoluene	12.855	91	258734	22.285	ug/l	99
83) tert-Butylbenzene	13.080	119	269061	22.506	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	295032	22.634	ug/l	100
85) sec-Butylbenzene	13.257	105	399734	22.261	ug/l	99
86) p-Isopropyltoluene	13.373	119	331829	22.489	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	174770	22.050	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	171279	22.013	ug/l	99
89) n-Butylbenzene	13.702	91	311336	22.428	ug/l	100
90) Hexachloroethane	13.964	117	68932	22.783	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	149467	21.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7670	19.368	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	83176	20.888	ug/l	98
94) Hexachlorobutadiene	15.117	225	51788	21.923	ug/l	97
95) Naphthalene	15.238	128	121067	18.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	68666	20.550	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
Data File : VY018031.D
Acq On : 24 Apr 2024 11:25
Operator : SY/MD
Sample : VY0424SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/25/2024
Supervised By :Semsettin Yesilyurt 04/25/2024

Quant Time: Apr 25 01:32:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

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

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

