

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017613.D
 Acq On : 08 Mar 2024 09:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2024
 Supervised By :Mahesh Dadoda 03/11/2024

Quant Time: Mar 08 22:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	143506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	191308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67192	49.404	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.800%		
35) Dibromofluoromethane	7.722	113	78315	51.789	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.580%		
50) Toluene-d8	10.185	98	293835	55.575	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	111.160%		
62) 4-Bromofluorobenzene	12.489	95	93063	56.008	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	112.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46262	43.702	ug/l	98
3) Chloromethane	2.119	50	85240	44.071	ug/l	95
4) Vinyl Chloride	2.253	62	115914	46.714	ug/l	99
5) Bromomethane	2.656	94	94733	46.849	ug/l	98
6) Chloroethane	2.796	64	77524	49.525	ug/l	99
7) Trichlorofluoromethane	3.125	101	116285	45.981	ug/l	97
8) Diethyl Ether	3.528	74	37488	50.541	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.900	101	72033	49.519	ug/l	99
10) Methyl Iodide	4.095	142	85575	52.420	ug/l	100
11) Tert butyl alcohol	4.954	59	23194	200.766	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	69174	51.027	ug/l	94
13) Acrolein	3.735	56	32111	210.654	ug/l	100
14) Allyl chloride	4.485	41	81251	49.603	ug/l	97
15) Acrylonitrile	5.168	53	75563	247.816	ug/l	100
16) Acetone	3.948	43	75555	286.416	ug/l	93
17) Carbon Disulfide	4.198	76	208174	51.160	ug/l	97
18) Methyl Acetate	4.485	43	32799	51.250	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	159735	50.553	ug/l	100
20) Methylene Chloride	4.723	84	84044	54.747	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	81425	51.299	ug/l	96
22) Diisopropyl ether	6.125	45	194201	51.378	ug/l	97
23) Vinyl Acetate	6.064	43	581909	258.351	ug/l	99
24) 1,1-Dichloroethane	6.027	63	130493	50.533	ug/l	99
25) 2-Butanone	6.990	43	98028	260.754	ug/l	100
26) 2,2-Dichloropropane	6.990	77	111488	51.350	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	91802	51.512	ug/l	98
28) Bromochloromethane	7.338	49	56102	55.163	ug/l	96
29) Tetrahydrofuran	7.356	42	56689	250.150	ug/l	98
30) Chloroform	7.515	83	138661	50.434	ug/l	99
31) Cyclohexane	7.789	56	108977	49.236	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	120524	50.493	ug/l	99
36) 1,1-Dichloropropene	7.923	75	107609	52.743	ug/l	99
37) Ethyl Acetate	7.082	43	40025	49.669	ug/l	98
38) Carbon Tetrachloride	7.905	117	109091	53.350	ug/l	99
39) Methylcyclohexane	9.191	83	133986	54.645	ug/l	99
40) Benzene	8.167	78	316237	52.193	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	23245m	57.484	ug/l	
42) 1,2-Dichloroethane	8.240	62	76364	51.656	ug/l	99
43) Isopropyl Acetate	8.277	43	73528	51.925	ug/l	100
44) Trichloroethene	8.947	130	89057	50.995	ug/l	99
45) 1,2-Dichloropropane	9.222	63	75077	52.081	ug/l	99
46) Dibromomethane	9.313	93	42875	51.970	ug/l	97
47) Bromodichloromethane	9.502	83	104918	52.377	ug/l	98
48) Methyl methacrylate	9.301	41	34021	51.904	ug/l	95
49) 1,4-Dioxane	9.307	88	9560	1023.930	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	206100	261.148	ug/l	99
52) Toluene	10.252	92	202904	53.121	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	98859	53.171	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	120104	53.163	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	60108	51.316	ug/l	97
56) Ethyl methacrylate	10.520	69	71696	49.767	ug/l	97
57) 1,3-Dichloropropane	10.801	76	97292	51.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	188946	279.539	ug/l	99
59) 2-Hexanone	10.837	43	152265	280.886	ug/l	99
60) Dibromochloromethane	10.996	129	73542	53.072	ug/l	99
61) 1,2-Dibromoethane	11.099	107	57473	53.244	ug/l	97
64) Tetrachloroethene	10.728	164	88036	47.944	ug/l	99
65) Chlorobenzene	11.526	112	214410	52.802	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	80086	52.645	ug/l	99
67) Ethyl Benzene	11.599	91	381389	53.555	ug/l	99
68) m/p-Xylenes	11.709	106	304137	108.687	ug/l	98
69) o-Xylene	12.038	106	140148	53.985	ug/l	99
70) Styrene	12.051	104	233017	54.074	ug/l	99
71) Bromoform	12.215	173	45012	53.395	ug/l #	98
73) Isopropylbenzene	12.337	105	371287	50.960	ug/l	100
74) N-amyl acetate	12.154	43	64489	50.185	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	65397	52.270	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	50027m	53.689	ug/l	
77) Bromobenzene	12.617	156	87421	49.547	ug/l	95
78) n-propylbenzene	12.678	91	451953	51.698	ug/l	99
79) 2-Chlorotoluene	12.764	91	243850	49.821	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	301893	51.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	20945	51.650	ug/l	95
82) 4-Chlorotoluene	12.861	91	248066	49.551	ug/l	98
83) tert-Butylbenzene	13.081	119	270685	52.809	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	300098	52.076	ug/l	100
85) sec-Butylbenzene	13.264	105	407257	51.968	ug/l	99
86) p-Isopropyltoluene	13.380	119	342050	53.319	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	177459	50.108	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	173948	50.521	ug/l	99
89) n-Butylbenzene	13.703	91	313506	53.564	ug/l	100
90) Hexachloroethane	13.971	117	65919	51.254	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	151474	50.565	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8425	47.900	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	86928	54.938	ug/l	99
94) Hexachlorobutadiene	15.117	225	52735	53.981	ug/l	98
95) Naphthalene	15.245	128	148829	48.656	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	74108	54.595	ug/l	99

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

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