

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018928.D
 Acq On : 08 Aug 2024 13:11
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 14:26:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 14:14:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	98862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	146488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	124106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	66196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	85916	98.981	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.960%#			
35) Dibromofluoromethane	7.628	113	93863	100.324	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 200.640%#			
50) Toluene-d8	10.103	98	373757	104.004	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 208.000%#			
62) 4-Bromofluorobenzene	12.408	95	108305	101.583	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 203.160%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	58862	86.621	ug/l	97
3) Chloromethane	2.068	50	141345	95.644	ug/l	99
4) Vinyl Chloride	2.202	62	199597	87.648	ug/l	98
5) Bromomethane	2.586	94	157652	86.769	ug/l	97
6) Chloroethane	2.726	64	133680	87.296	ug/l	98
7) Trichlorofluoromethane	3.043	101	276569	91.125	ug/l	97
8) Diethyl Ether	3.446	74	40919	87.460	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	86238	90.950	ug/l	94
10) Methyl Iodide	3.994	142	99668	97.345	ug/l	96
11) Tert butyl alcohol	4.842	59	32283	482.609	ug/l #	82
12) 1,1-Dichloroethene	3.781	96	82909	92.555	ug/l	93
13) Acrolein	3.647	56	44010	502.546	ug/l	100
14) Allyl chloride	4.372	41	109558	91.446	ug/l	89
15) Acrylonitrile	5.037	53	81264	443.065	ug/l	96
16) Acetone	3.854	43	98671	478.201	ug/l	89
17) Carbon Disulfide	4.098	76	240443	90.295	ug/l	97
18) Methyl Acetate	4.372	43	41440	85.897	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	196814	89.327	ug/l	97
20) Methylene Chloride	4.610	84	85951	95.306	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	89806	90.609	ug/l	95
22) Diisopropyl ether	6.012	45	241979	92.651	ug/l #	88
23) Vinyl Acetate	5.951	43	1087975	482.687	ug/l	95
24) 1,1-Dichloroethane	5.903	63	144739	90.336	ug/l	98
25) 2-Butanone	6.878	43	134276	477.779	ug/l	94
26) 2,2-Dichloropropane	6.872	77	140174	92.953	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	108289	91.315	ug/l	99
28) Bromochloromethane	7.232	49	64499	87.440	ug/l	93
29) Tetrahydrofuran	7.250	42	74298	448.342	ug/l	91
30) Chloroform	7.409	83	154956	90.410	ug/l	95
31) Cyclohexane	7.695	56	130682	100.064	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	145375	93.836	ug/l	96
36) 1,1-Dichloropropene	7.829	75	118417	94.288	ug/l	99
37) Ethyl Acetate	6.976	43	54177	94.378	ug/l	98
38) Carbon Tetrachloride	7.811	117	141831	98.494	ug/l	98
39) Methylcyclohexane	9.103	83	163153	96.511	ug/l	95
40) Benzene	8.073	78	358473	95.999	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	23770m	82.434	ug/l	
42) 1,2-Dichloroethane	8.152	62	88880	95.611	ug/l	96
43) Isopropyl Acetate	8.189	43	108475	92.918	ug/l #	81
44) Trichloroethene	8.859	130	97808	91.891	ug/l	98
45) 1,2-Dichloropropane	9.134	63	78388	93.817	ug/l	94
46) Dibromomethane	9.225	93	51551	95.487	ug/l	97
47) Bromodichloromethane	9.420	83	117476	92.985	ug/l	96
48) Methyl methacrylate	9.219	41	48250	94.608	ug/l #	80
49) 1,4-Dioxane	9.225	88	11046	1731.794	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	298353	495.536	ug/l	88
52) Toluene	10.170	92	244348	98.510	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	111237	98.733	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	130208	97.294	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	60595	91.395	ug/l	98
56) Ethyl methacrylate	10.438	69	86081	95.892	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	104023	95.292	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	249805	539.776	ug/l	98
59) 2-Hexanone	10.762	43	219046	507.176	ug/l	86
60) Dibromochloromethane	10.908	129	86957	97.827	ug/l	100
61) 1,2-Dibromoethane	11.012	107	59479	92.910	ug/l	99
64) Tetrachloroethene	10.646	164	100553	96.652	ug/l	99
65) Chlorobenzene	11.444	112	267614	98.210	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	95376	100.070	ug/l	97
67) Ethyl Benzene	11.518	91	487473	103.328	ug/l	96
68) m/p-Xylenes	11.627	106	404306	208.995	ug/l	94
69) o-Xylene	11.956	106	182619	102.282	ug/l	96
70) Styrene	11.969	104	310972	105.744	ug/l	99
71) Bromoform	12.133	173	49721	100.319	ug/l #	99
73) Isopropylbenzene	12.255	105	462733	96.303	ug/l	99
74) N-amyl acetate	12.072	43	108034	97.435	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.511	83	72776	93.853	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	44098m	53.300	ug/l	
77) Bromobenzene	12.536	156	108025	96.507	ug/l	90
78) n-propylbenzene	12.597	91	555537	97.684	ug/l	98
79) 2-Chlorotoluene	12.682	91	281141	95.488	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	370033	98.269	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	23791	99.409	ug/l	94
82) 4-Chlorotoluene	12.780	91	292315	96.974	ug/l	93
83) tert-Butylbenzene	12.999	119	344466	96.850	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	379708	99.403	ug/l	97
85) sec-Butylbenzene	13.182	105	505944	98.207	ug/l	97
86) p-Isopropyltoluene	13.292	119	456392	102.306	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	226741	99.164	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	208593	93.544	ug/l	98
89) n-Butylbenzene	13.621	91	384719	98.251	ug/l	97
90) Hexachloroethane	13.883	117	81093	96.339	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	177538	94.438	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8931	83.729	ug/l	89
93) 1,2,4-Trichlorobenzene	14.925	180	98728	95.374	ug/l	99
94) Hexachlorobutadiene	15.029	225	51641	90.962	ug/l	98
95) Naphthalene	15.151	128	176713	95.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	82536	92.892	ug/l	99

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

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