

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020342.D
 Acq On : 19 Nov 2024 17:20
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

Quant Time: Nov 20 01:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 00:48:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	242950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	418120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	343084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	273625	98.031	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 196.060%#			
35) Dibromofluoromethane	7.634	113	241148	89.944	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 179.880%#			
50) Toluene-d8	10.109	98	944968	89.473	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 178.940%#			
62) 4-Bromofluorobenzene	12.401	95	308231	90.785	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 181.580%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	225851	95.772	ug/l	100
3) Chloromethane	2.068	50	286074	96.926	ug/l	98
4) Vinyl Chloride	2.202	62	278011	85.934	ug/l	100
5) Bromomethane	2.598	94	135928	84.127	ug/l	99
6) Chloroethane	2.738	64	162455	86.079	ug/l	99
7) Trichlorofluoromethane	3.061	101	399021	88.755	ug/l	100
8) Diethyl Ether	3.458	74	138894	97.917	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.817	101	232946	87.004	ug/l	100
10) Methyl Iodide	4.006	142	325705	90.820	ug/l	97
11) Tert butyl alcohol	4.890	59	97795	546.604	ug/l	99
12) 1,1-Dichloroethene	3.793	96	236992	89.422	ug/l	99
13) Acrolein	3.659	56	86380	499.781	ug/l	97
14) Allyl chloride	4.384	41	485310	94.695	ug/l	92
15) Acrylonitrile	5.061	53	322609	514.491	ug/l	99
16) Acetone	3.878	43	343146	512.820	ug/l	98
17) Carbon Disulfide	4.110	76	800247	89.624	ug/l	99
18) Methyl Acetate	4.390	43	159022	101.952	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	681962	99.054	ug/l	97
20) Methylene Chloride	4.616	84	264054	93.186	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	267977	91.038	ug/l	91
22) Diisopropyl ether	6.024	45	982564	97.286	ug/l	98
23) Vinyl Acetate	5.963	43	2923388	517.954	ug/l	98
24) 1,1-Dichloroethane	5.921	63	535189	93.866	ug/l	99
25) 2-Butanone	6.896	43	479489	556.614	ug/l	97
26) 2,2-Dichloropropane	6.890	77	446478	94.743	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	314285	96.937	ug/l	98
28) Bromochloromethane	7.250	49	218420	91.020	ug/l	95
29) Tetrahydrofuran	7.268	42	290644	564.509	ug/l	96
30) Chloroform	7.420	83	516773	93.860	ug/l	98
31) Cyclohexane	7.707	56	470793	90.481	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	456631	94.454	ug/l	99
36) 1,1-Dichloropropene	7.835	75	379162	92.591	ug/l	99
37) Ethyl Acetate	6.988	43	204144	106.917	ug/l	99
38) Carbon Tetrachloride	7.823	117	403792	94.441	ug/l	99
39) Methylcyclohexane	9.109	83	476688	93.013	ug/l	98
40) Benzene	8.079	78	1152457	96.033	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	113838	106.653	ug/l	98
42) 1,2-Dichloroethane	8.158	62	322641	99.603	ug/l	99
43) Isopropyl Acetate	8.201	43	411623	112.833	ug/l	99
44) Trichloroethene	8.865	130	265744	93.462	ug/l	99
45) 1,2-Dichloropropane	9.140	63	279709	97.691	ug/l	100
46) Dibromomethane	9.231	93	145980	99.474	ug/l	99
47) Bromodichloromethane	9.420	83	387534	95.661	ug/l	99
48) Methyl methacrylate	9.219	41	195485	112.081	ug/l	94
49) 1,4-Dioxane	9.243	88	32314	2140.293	ug/l #	82
51) 4-Methyl-2-Pentanone	9.999	43	1025042	553.677	ug/l	99
52) Toluene	10.170	92	692884	94.463	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	380932	99.436	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	442841	100.981	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	185332	95.141	ug/l	100
56) Ethyl methacrylate	10.438	69	307069	104.964	ug/l	99
57) 1,3-Dichloropropane	10.712	76	348373	99.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	700335	504.870	ug/l	98
59) 2-Hexanone	10.761	43	741041	565.275	ug/l	100
60) Dibromochloromethane	10.908	129	248066	98.797	ug/l	99
61) 1,2-Dibromoethane	11.011	107	170430	94.416	ug/l	100
64) Tetrachloroethene	10.645	164	228791	92.512	ug/l	98
65) Chlorobenzene	11.438	112	713827	93.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	243130	95.143	ug/l	99
67) Ethyl Benzene	11.517	91	1325393	93.917	ug/l	100
68) m/p-Xylenes	11.627	106	955240	187.918	ug/l	97
69) o-Xylene	11.956	106	457290	94.846	ug/l	98
70) Styrene	11.968	104	776130	96.888	ug/l	98
71) Bromoform	12.133	173	136679	102.627	ug/l #	99
73) Isopropylbenzene	12.255	105	1207507	92.057	ug/l	99
74) N-amyl acetate	12.072	43	360546	113.742	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	209284	98.722	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	155715m	106.363	ug/l	
77) Bromobenzene	12.529	156	262304	95.447	ug/l	96
78) n-propylbenzene	12.596	91	1462491	92.904	ug/l	100
79) 2-Chlorotoluene	12.682	91	837998	92.584	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	977514	92.211	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	79441	106.658	ug/l	97
82) 4-Chlorotoluene	12.779	91	858743	91.930	ug/l	97
83) tert-Butylbenzene	12.999	119	867475	92.729	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	970690	92.360	ug/l	99
85) sec-Butylbenzene	13.175	105	1252922	84.955	ug/l	99
86) p-Isopropyltoluene	13.291	119	1039560	91.166	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	502006	90.342	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	489016	92.108	ug/l	99
89) n-Butylbenzene	13.620	91	1009278	92.426	ug/l	99
90) Hexachloroethane	13.883	117	202571	92.042	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	437794	94.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	35093	100.881	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	278868	99.621	ug/l	99
94) Hexachlorobutadiene	15.023	225	163774	95.847	ug/l	98
95) Naphthalene	15.145	128	532709	110.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	235988	98.597	ug/l	100

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

