

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011495.D
 Acq On : 18 Nov 2022 11:49
 Operator : KP/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 :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 21:33:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 21:29:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	206259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	290114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	184286	88.325	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 176.640%#			
35) Dibromofluoromethane	7.722	113	177682	92.461	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 184.920%#			
50) Toluene-d8	10.185	98	637126	91.025	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 182.040%#			
62) 4-Bromofluorobenzene	12.483	95	247016	96.689	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 193.380%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	102306	76.134	ug/l	99
3) Chloromethane	2.119	50	163369	82.201	ug/l	95
4) Vinyl Chloride	2.253	62	197661	84.828	ug/l	99
5) Bromomethane	2.644	94	135840	79.092	ug/l	98
6) Chloroethane	2.796	64	133736	82.280	ug/l	100
7) Trichlorofluoromethane	3.131	101	300083	87.582	ug/l	93
8) Diethyl Ether	3.528	74	105293	94.877	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	179243	90.122	ug/l	96
10) Methyl Iodide	4.094	142	231605	100.057	ug/l	94
11) Tert butyl alcohol	4.954	59	107024	370.484	ug/l	97
12) 1,1-Dichloroethene	3.875	96	168954	92.984	ug/l	91
13) Acrolein	3.729	56	18191	326.817	ug/l	99
14) Allyl chloride	4.485	41	301585	94.757	ug/l	95
15) Acrylonitrile	5.167	53	300606	495.015	ug/l	98
16) Acetone	3.948	43	338437	497.042	ug/l	94
17) Carbon Disulfide	4.198	76	460660	91.928	ug/l	99
18) Methyl Acetate	4.479	43	151444	83.820	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	527117	101.884	ug/l	100
20) Methylene Chloride	4.722	84	224932	63.205	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	195990	93.838	ug/l	92
22) Diisopropyl ether	6.125	45	676735	97.150	ug/l	94
23) Vinyl Acetate	6.064	43	2151902	530.424	ug/l	96
24) 1,1-Dichloroethane	6.021	63	376161	92.484	ug/l	99
25) 2-Butanone	6.984	43	454366	506.636	ug/l	93
26) 2,2-Dichloropropane	6.984	77	348723	92.130	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	236032	95.628	ug/l	93
28) Bromochloromethane	7.338	49	160163	97.880	ug/l	94
29) Tetrahydrofuran	7.350	42	266385	527.984	ug/l	93
30) Chloroform	7.508	83	391051	92.536	ug/l	98
31) Cyclohexane	7.789	56	324740	93.131	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	352868	93.274	ug/l	97
36) 1,1-Dichloropropene	7.923	75	294844	98.039	ug/l	99
37) Ethyl Acetate	7.076	43	176439	102.945	ug/l	96
38) Carbon Tetrachloride	7.905	117	321603	96.020	ug/l	97
39) Methylcyclohexane	9.185	83	346535	103.145	ug/l	94
40) Benzene	8.161	78	836092	95.366	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	86716m	108.891	ug/l	
42) 1,2-Dichloroethane	8.240	62	257297	95.086	ug/l	94
43) Isopropyl Acetate	8.277	43	323628	104.403	ug/l	94
44) Trichloroethene	8.941	130	224640	95.254	ug/l	96
45) 1,2-Dichloropropane	9.216	63	216866	96.650	ug/l	98
46) Dibromomethane	9.307	93	120648	96.100	ug/l	97
47) Bromodichloromethane	9.502	83	303847	96.165	ug/l	99
48) Methyl methacrylate	9.295	41	148639	107.774	ug/l	90
49) 1,4-Dioxane	9.301	88	32267	2092.142	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	920626	533.548	ug/l	93
52) Toluene	10.246	92	544259	98.358	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	318568	100.982	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	353691	99.419	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	174636	97.855	ug/l	98
56) Ethyl methacrylate	10.514	69	248014	110.816	ug/l #	86
57) 1,3-Dichloropropane	10.794	76	298146	97.643	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	600879	547.619	ug/l	98
59) 2-Hexanone	10.831	43	681481	552.264	ug/l	91
60) Dibromochloromethane	10.983	129	215761	98.155	ug/l	99
61) 1,2-Dibromoethane	11.093	107	162926	99.283	ug/l	100
64) Tetrachloroethene	10.721	164	227072	95.346	ug/l	98
65) Chlorobenzene	11.520	112	579342	95.267	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	222389	96.235	ug/l	98
67) Ethyl Benzene	11.593	91	1095136	100.007	ug/l	100
68) m/p-Xylenes	11.703	106	837110	200.233	ug/l	96
69) o-Xylene	12.032	106	397959	102.054	ug/l	96
70) Styrene	12.044	104	682688	103.042	ug/l	97
71) Bromoform	12.209	173	141001	100.199	ug/l #	99
73) Isopropylbenzene	12.331	105	1080778	100.585	ug/l	99
74) N-amyl acetate	12.148	43	289264	108.629	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	207804	98.353	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	172496m	93.576	ug/l	
77) Bromobenzene	12.611	156	241298	95.783	ug/l	99
78) n-propylbenzene	12.672	91	1296024	98.728	ug/l	99
79) 2-Chlorotoluene	12.758	91	729426	98.506	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	897467	99.120	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	76417	105.162	ug/l	89
82) 4-Chlorotoluene	12.855	91	744319	96.305	ug/l	100
83) tert-Butylbenzene	13.075	119	778628	98.592	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	892437	99.632	ug/l	100
85) sec-Butylbenzene	13.251	105	1168887	99.119	ug/l	100
86) p-Isopropyltoluene	13.373	119	980312	99.698	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	485711	94.937	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	476145	93.327	ug/l	99
89) n-Butylbenzene	13.696	91	909210	100.487	ug/l	99
90) Hexachloroethane	13.965	117	185126	93.679	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	431750	95.421	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	35106	100.494	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	262540	105.425	ug/l	99
94) Hexachlorobutadiene	15.111	225	149481	95.374	ug/l	98
95) Naphthalene	15.239	128	548633	117.077	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	224675	105.456	ug/l	98

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

