

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077279.D
 Acq On : 05 Oct 2023 17:01
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

Quant Time: Oct 06 07:41:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 07:36:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	218620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	358720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	338757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	285220	107.524	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 215.040%#			
35) Dibromofluoromethane	7.804	113	320693	106.916	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 213.840%#			
50) Toluene-d8	10.269	98	1254272	117.713	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 235.420%#			
62) 4-Bromofluorobenzene	12.575	95	377048	113.759	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 227.520%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	261264	92.723	ug/l	96
3) Chloromethane	2.146	50	397218	90.448	ug/l	98
4) Vinyl Chloride	2.281	62	491306	91.410	ug/l	100
5) Bromomethane	2.675	94	385172	101.438	ug/l	98
6) Chloroethane	2.828	64	264744	82.726	ug/l	97
7) Trichlorofluoromethane	3.169	101	385415	76.736	ug/l	98
8) Diethyl Ether	3.587	74	167762	102.889	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	332890	97.927	ug/l	97
10) Methyl Iodide	4.158	142	441500	105.417	ug/l	92
11) Tert butyl alcohol	5.052	59	85809	474.379	ug/l	99
12) 1,1-Dichloroethene	3.934	96	335706	101.179	ug/l	91
13) Acrolein	3.793	56	166346	501.137	ug/l	99
14) Allyl chloride	4.558	41	446050	103.607	ug/l	92
15) Acrylonitrile	5.252	53	383746	510.312	ug/l	99
16) Acetone	4.022	43	332548	493.104	ug/l #	84
17) Carbon Disulfide	4.263	76	1092645	97.690	ug/l	97
18) Methyl Acetate	4.558	43	262670	97.418	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	742619	107.870	ug/l	96
20) Methylene Chloride	4.793	84	404765	101.564	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	395064	100.854	ug/l	93
22) Diisopropyl ether	6.216	45	983712	107.510	ug/l	97
23) Vinyl Acetate	6.152	43	2063485m	551.601	ug/l	
24) 1,1-Dichloroethane	6.110	63	646798	99.316	ug/l	97
25) 2-Butanone	7.081	43	466521	506.921	ug/l	89
26) 2,2-Dichloropropane	7.075	77	563079	101.311	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	436906	104.047	ug/l	95
28) Bromochloromethane	7.422	49	175598	97.227	ug/l #	80
29) Tetrahydrofuran	7.446	42	281087	533.517	ug/l	87
30) Chloroform	7.593	83	661304	97.689	ug/l	95
31) Cyclohexane	7.875	56	552240	102.401	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	577551	99.813	ug/l	97
36) 1,1-Dichloropropene	8.004	75	530131	106.026	ug/l	97
37) Ethyl Acetate	7.163	43	203023	101.985	ug/l	94
38) Carbon Tetrachloride	7.987	117	487157	105.280	ug/l	97
39) Methylcyclohexane	9.275	83	643534	112.416	ug/l	95
40) Benzene	8.251	78	1550199	104.074	ug/l	99

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41) Methacrylonitrile	7.399	41	113651	111.377	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	351971	99.682	ug/l	98
43) Isopropyl Acetate	8.357	43	371600	105.816	ug/l	92
44) Trichloroethene	9.028	130	384226	100.778	ug/l	91
45) 1,2-Dichloropropane	9.304	63	371837	101.470	ug/l	99
46) Dibromomethane	9.393	93	204185	99.910	ug/l	91
47) Bromodichloromethane	9.587	83	485993	102.590	ug/l	100
48) Methyl methacrylate	9.381	41	173835	106.857	ug/l #	82
49) 1,4-Dioxane	9.387	88	43649	2145.425	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	986489	541.337	ug/l	92
52) Toluene	10.334	92	980825	107.404	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	482866	106.573	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	585029	107.573	ug/l #	95
55) 1,1,2-Trichloroethane	10.734	97	276295	99.108	ug/l	95
56) Ethyl methacrylate	10.598	69	346655	114.027	ug/l	90
57) 1,3-Dichloropropane	10.881	76	471707	103.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	797663	507.572	ug/l	93
59) 2-Hexanone	10.922	43	722634	553.825	ug/l	91
60) Dibromochloromethane	11.075	129	323931	101.509	ug/l	96
61) 1,2-Dibromoethane	11.181	107	262866	101.356	ug/l	99
64) Tetrachloroethene	10.810	164	317372	102.196	ug/l	92
65) Chlorobenzene	11.610	112	991503	103.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	350896	104.290	ug/l	98
67) Ethyl Benzene	11.681	91	1892731	111.314	ug/l	97
68) m/p-Xylenes	11.792	106	1464790	221.650	ug/l	91
69) o-Xylene	12.122	106	677693	112.860	ug/l	91
70) Styrene	12.134	104	1156379	112.104	ug/l	96
71) Bromoform	12.298	173	184295	98.619	ug/l #	99
73) Isopropylbenzene	12.422	105	1777435	113.952	ug/l	95
74) N-amyl acetate	12.234	43	364809	113.883	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	320539	103.417	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	164189m	96.780	ug/l	
77) Bromobenzene	12.698	156	383316	105.288	ug/l	87
78) n-propylbenzene	12.763	91	2185402	111.593	ug/l	95
79) 2-Chlorotoluene	12.851	91	1152635	109.373	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	1437229	111.490	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	108880	108.308	ug/l	96
82) 4-Chlorotoluene	12.945	91	1187836	107.013	ug/l	93
83) tert-Butylbenzene	13.169	119	1229239	111.863	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1443813	112.028	ug/l	95
85) sec-Butylbenzene	13.345	105	1881207	111.643	ug/l	95
86) p-Isopropyltoluene	13.463	119	1583830	113.152	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	784477	103.799	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	755166	101.001	ug/l	98
89) n-Butylbenzene	13.786	91	1516310	112.444	ug/l	98
90) Hexachloroethane	14.051	117	287987	102.756	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	660789	102.449	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	43248	107.753	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	432262	111.536	ug/l	97
94) Hexachlorobutadiene	15.204	225	215644	105.598	ug/l	98
95) Naphthalene	15.333	128	859117	115.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	382294	110.886	ug/l	99

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

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