

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075091.D
 Acq On : 09 Jan 2023 13:54
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

Quant Time: Jan 10 03:02:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 02:58:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	101161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	167082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	142677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91924	90.638	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 181.280%#			
35) Dibromofluoromethane	7.810	113	98057	93.300	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 186.600%#			
50) Toluene-d8	10.269	98	368632	88.460	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 176.920%#			
62) 4-Bromofluorobenzene	12.575	95	118331	88.467	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 176.940%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	44325	80.992	ug/l	98
3) Chloromethane	2.146	50	65748	76.564	ug/l	96
4) Vinyl Chloride	2.281	62	81670	87.281	ug/l	99
5) Bromomethane	2.681	94	50617	80.393	ug/l	99
6) Chloroethane	2.834	64	61504	87.347	ug/l	96
7) Trichlorofluoromethane	3.175	101	123755	92.826	ug/l	95
8) Diethyl Ether	3.593	74	44203	95.532	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	86003	92.982	ug/l	98
10) Methyl Iodide	4.169	142	94288	100.977	ug/l	98
11) Tert butyl alcohol	5.058	59	29008	497.869	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	77620	90.492	ug/l	93
13) Acrolein	3.799	56	38398	416.132	ug/l	97
14) Allyl chloride	4.564	41	136762	93.136	ug/l	99
15) Acrylonitrile	5.258	53	111834	468.854	ug/l	99
16) Acetone	4.022	43	120912	503.159	ug/l	100
17) Carbon Disulfide	4.275	76	136234	81.126	ug/l	99
18) Methyl Acetate	4.564	43	56930	79.496	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	210068	93.507	ug/l	99
20) Methylene Chloride	4.799	84	99002	58.043	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	81460	86.611	ug/l	94
22) Diisopropyl ether	6.222	45	289365	92.068	ug/l	98
23) Vinyl Acetate	6.158	43	563923m	579.817	ug/l	
24) 1,1-Dichloroethane	6.116	63	175135	92.662	ug/l	98
25) 2-Butanone	7.081	43	149601	469.969	ug/l	97
26) 2,2-Dichloropropane	7.075	77	155559	91.770	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	109464	92.184	ug/l	99
28) Bromochloromethane	7.428	49	60092	91.666	ug/l	98
29) Tetrahydrofuran	7.446	42	82838	462.571	ug/l	98
30) Chloroform	7.599	83	175575	91.672	ug/l	99
31) Cyclohexane	7.875	56	118297	79.014	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	149613	91.040	ug/l	98
36) 1,1-Dichloropropene	8.010	75	117864	90.642	ug/l	98
37) Ethyl Acetate	7.169	43	62169	85.573	ug/l	98
38) Carbon Tetrachloride	7.993	117	111868	98.197	ug/l	100
39) Methylcyclohexane	9.275	83	134279	89.282	ug/l	98
40) Benzene	8.252	78	351484	90.597	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	44315m	105.072	ug/l	
42) 1,2-Dichloroethane	8.328	62	100513	92.447	ug/l	98
43) Isopropyl Acetate	8.363	43	118985	95.088	ug/l	99
44) Trichloroethene	9.028	130	99807	89.508	ug/l	93
45) 1,2-Dichloropropane	9.305	63	98233	92.922	ug/l	100
46) Dibromomethane	9.393	93	49715	93.050	ug/l	98
47) Bromodichloromethane	9.587	83	132411	94.903	ug/l	95
48) Methyl methacrylate	9.381	41	52862	93.760	ug/l	97
49) 1,4-Dioxane	9.381	88	11371	1954.250	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	302072	478.061	ug/l	99
52) Toluene	10.334	92	222837	88.596	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	125320	98.277	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	147315	94.321	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	73121	93.968	ug/l	98
56) Ethyl methacrylate	10.599	69	89215	94.916	ug/l	97
57) 1,3-Dichloropropane	10.881	76	121022	93.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	171697	483.847	ug/l	97
59) 2-Hexanone	10.922	43	213914	483.979	ug/l	100
60) Dibromochloromethane	11.075	129	89016	96.612	ug/l	99
61) 1,2-Dibromoethane	11.181	107	65291	92.413	ug/l	98
64) Tetrachloroethene	10.816	164	81706	89.303	ug/l	97
65) Chlorobenzene	11.610	112	247930	92.322	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.687	131	91060	95.960	ug/l	99
67) Ethyl Benzene	11.687	91	445855	93.237	ug/l	99
68) m/p-Xylenes	11.798	106	335172	181.839	ug/l	99
69) o-Xylene	12.122	106	162706	91.079	ug/l	99
70) Styrene	12.140	104	275464	92.262	ug/l	99
71) Bromoform	12.304	173	50945	99.886	ug/l #	98
73) Isopropylbenzene	12.422	105	444650	95.842	ug/l	100
74) N-amyl acetate	12.234	43	105553	100.164	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	78748	99.039	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	60424m	93.053	ug/l	
77) Bromobenzene	12.704	156	99178	97.649	ug/l	97
78) n-propylbenzene	12.763	91	532279	95.661	ug/l	100
79) 2-Chlorotoluene	12.851	91	291364	95.281	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	356788	94.795	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	21870	98.099	ug/l	96
82) 4-Chlorotoluene	12.951	91	297974	95.128	ug/l	99
83) tert-Butylbenzene	13.169	119	319235	96.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	350072	96.241	ug/l	99
85) sec-Butylbenzene	13.345	105	484239	96.209	ug/l	100
86) p-Isopropyltoluene	13.463	119	394035	96.918	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	193007	95.443	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	190823	93.318	ug/l	100
89) n-Butylbenzene	13.793	91	385157	96.326	ug/l	99
90) Hexachloroethane	14.057	117	71868	101.412	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	172458	95.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12139	94.935	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	118399	101.165	ug/l	99
94) Hexachlorobutadiene	15.210	225	59595	102.146	ug/l	98
95) Naphthalene	15.334	128	236189	102.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	102318	101.210	ug/l	99

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

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