

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075013.D
 Acq On : 14 Dec 2022 10:38
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 03:02:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	173937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	253237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	104648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7303	5.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.740%#		
35) Dibromofluoromethane	7.799	113	9153	5.775	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.540%#		
50) Toluene-d8	10.269	98	29161	6.002	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	12.000%#		
62) 4-Bromofluorobenzene	12.575	95	8912	5.713	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.420%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4930	4.816	ug/l	97
3) Chloromethane	2.146	50	9371	4.817	ug/l	99
4) Vinyl Chloride	2.281	62	9274	4.407	ug/l	96
5) Bromomethane	2.693	94	8397	5.497	ug/l	99
6) Chloroethane	2.840	64	7250	4.657	ug/l	100
7) Trichlorofluoromethane	3.175	101	12183	4.754	ug/l	88
8) Diethyl Ether	3.593	74	3306	4.316	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	8549	5.120	ug/l	96
10) Methyl Iodide	4.164	142	4536	3.483	ug/l #	93
11) Tert butyl alcohol	5.046	59	2552m	27.083	ug/l	
12) 1,1-Dichloroethene	3.940	96	7528	4.707	ug/l	85
13) Acrolein	3.799	56	3923	22.891	ug/l	95
14) Allyl chloride	4.558	41	8478	4.638	ug/l	96
15) Acrylonitrile	5.258	53	7399	22.890	ug/l	99
16) Acetone	4.022	43	7472	23.131	ug/l	92
17) Carbon Disulfide	4.269	76	12439	3.412	ug/l	95
18) Methyl Acetate	4.564	43	6335	7.113	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	15589	4.582	ug/l #	91
20) Methylene Chloride	4.805	84	19597	7.862	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	7883	4.520	ug/l	91
22) Diisopropyl ether	6.216	45	18406	4.401	ug/l	91
23) Vinyl Acetate	6.158	43	32608m	18.581	ug/l	
24) 1,1-Dichloroethane	6.116	63	14091	4.747	ug/l	95
25) 2-Butanone	7.081	43	9112	22.397	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	14378	5.154	ug/l	95
27) cis-1,2-Dichloroethene	7.069	96	9463	4.590	ug/l	91
28) Bromochloromethane	7.422	49	4525	4.767	ug/l #	94
29) Tetrahydrofuran	7.452	42	4665	21.422	ug/l	96
30) Chloroform	7.599	83	16079	4.967	ug/l	100
31) Cyclohexane	7.881	56	11233	5.048	ug/l #	61
32) 1,1,1-Trichloroethane	7.793	97	13182	4.760	ug/l	97
36) 1,1-Dichloropropene	8.016	75	10015	4.809	ug/l	97
37) Ethyl Acetate	7.169	43	3795	4.657	ug/l #	88
38) Carbon Tetrachloride	7.993	117	8861	4.548	ug/l	94
39) Methylcyclohexane	9.275	83	9009	4.249	ug/l	95
40) Benzene	8.252	78	31262	4.998	ug/l	92

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1901	4.500	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	7653	5.099	ug/l	98
43) Isopropyl Acetate	8.363	43	7043	5.152	ug/l	90
44) Trichloroethene	9.028	130	7968	4.868	ug/l	98
45) 1,2-Dichloropropane	9.304	63	7104	5.010	ug/l	100
46) Dibromomethane	9.393	93	3817	4.954	ug/l	97
47) Bromodichloromethane	9.581	83	10040	5.134	ug/l	94
48) Methyl methacrylate	9.381	41	2572	4.286	ug/l	96
49) 1,4-Dioxane	9.387	88	783	90.797	ug/l #	64
51) 4-Methyl-2-Pentanone	10.157	43	14837	21.714	ug/l	99
52) Toluene	10.334	92	17205	4.655	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	8252	4.578	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	10248	4.686	ug/l	98
55) 1,1,2-Trichloroethane	10.740	97	5629	5.004	ug/l #	85
56) Ethyl methacrylate	10.599	69	4992	4.042	ug/l	96
57) 1,3-Dichloropropane	10.875	76	9022	4.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	10483	20.888	ug/l	99
59) 2-Hexanone	10.922	43	10400	20.899	ug/l	93
60) Dibromochloromethane	11.075	129	6596	5.020	ug/l	100
61) 1,2-Dibromoethane	11.181	107	5019	4.942	ug/l	99
64) Tetrachloroethene	10.810	164	6715	5.060	ug/l	96
65) Chlorobenzene	11.610	112	21341	5.092	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.687	131	7272	4.936	ug/l	97
67) Ethyl Benzene	11.687	91	33003	4.558	ug/l	97
68) m/p-Xylenes	11.793	106	24565	8.645	ug/l	99
69) o-Xylene	12.122	106	12117	4.502	ug/l	96
70) Styrene	12.140	104	20365	4.402	ug/l	99
71) Bromoform	12.298	173	3566	4.709	ug/l #	95
73) Isopropylbenzene	12.422	105	31680	4.577	ug/l	98
74) N-amyl acetate	12.240	43	5059	4.183	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	6060	4.871	ug/l	91
76) 1,2,3-Trichloropropane	12.728	75	5125m	5.641	ug/l	
77) Bromobenzene	12.704	156	7732	4.910	ug/l	98
78) n-propylbenzene	12.763	91	39078	4.612	ug/l	99
79) 2-Chlorotoluene	12.851	91	22171	4.803	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	25878	4.523	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	1712	4.788	ug/l #	91
82) 4-Chlorotoluene	12.951	91	22808	4.765	ug/l	93
83) tert-Butylbenzene	13.169	119	22944	4.658	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	25603	4.513	ug/l	98
85) sec-Butylbenzene	13.345	105	35439	4.622	ug/l	100
86) p-Isopropyltoluene	13.463	119	28832	4.513	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	17100	5.138	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	17207	5.239	ug/l	94
89) n-Butylbenzene	13.792	91	27552	4.613	ug/l	98
90) Hexachloroethane	14.057	117	5626	4.956	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	14647	5.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	743	4.509	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	8518	4.865	ug/l	98
94) Hexachlorobutadiene	15.204	225	4635	5.141	ug/l	95
95) Naphthalene	15.334	128	15416	4.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	6948	4.679	ug/l	96

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

