

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074820.D
 Acq On : 09 Nov 2022 11:37
 Operator : VA/SY
 Sample : VD1109SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/10/2022
 Supervised By :Mahesh Dadoda 11/10/2022

Quant Time: Nov 09 14:03:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	238057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57605	49.051	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.100%		
35) Dibromofluoromethane	7.805	113	73218	51.994	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.980%		
50) Toluene-d8	10.269	98	242444	47.198	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.569	95	75169	50.683	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23664	19.432	ug/l	95
3) Chloromethane	2.146	50	35994	18.521	ug/l	92
4) Vinyl Chloride	2.281	62	41612	19.525	ug/l	96
5) Bromomethane	2.681	94	34149	21.148	ug/l	97
6) Chloroethane	2.834	64	30216	20.455	ug/l	97
7) Trichlorofluoromethane	3.175	101	50327	20.327	ug/l	96
8) Diethyl Ether	3.593	74	14206	19.641	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	31254	19.872	ug/l	99
10) Methyl Iodide	4.158	142	28328	17.900	ug/l	99
12) 1,1-Dichloroethene	3.940	96	30563	19.133	ug/l	91
13) Acrolein	3.793	56	7649	94.635	ug/l	97
14) Allyl chloride	4.558	41	33360	19.738	ug/l	98
15) Acrylonitrile	5.258	53	27942	97.761	ug/l	98
16) Acetone	4.028	43	24355	99.378	ug/l	96
17) Carbon Disulfide	4.269	76	89114	18.500	ug/l	99
18) Methyl Acetate	4.569	43	15108	20.386	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	58129	19.134	ug/l	97
20) Methylene Chloride	4.799	84	66606	26.714	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	34648	19.735	ug/l	99
22) Diisopropyl ether	6.216	45	73979	21.207	ug/l	99
23) Vinyl Acetate	6.158	43	159557	107.579	ug/l	99
24) 1,1-Dichloroethane	6.110	63	54199	20.313	ug/l	99
25) 2-Butanone	7.081	43	33333	98.921	ug/l	98
26) 2,2-Dichloropropane	7.075	77	51694	21.056	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	38455	19.856	ug/l	99
28) Bromochloromethane	7.428	49	18339	21.780	ug/l	95
29) Tetrahydrofuran	7.446	42	17909	92.672	ug/l	98
30) Chloroform	7.599	83	59791	20.976	ug/l	99
31) Cyclohexane	7.875	56	44862	18.868	ug/l #	96
32) 1,1,1-Trichloroethane	7.793	97	52934	21.022	ug/l	97
36) 1,1-Dichloropropene	8.010	75	44428	20.785	ug/l	99
37) Ethyl Acetate	7.163	43	15105	21.184	ug/l	96
38) Carbon Tetrachloride	7.993	117	42441	20.958	ug/l	97
39) Methylcyclohexane	9.275	83	44915	17.271	ug/l	90
40) Benzene	8.252	78	133566	21.141	ug/l	98
41) Methacrylonitrile	7.399	41	7024	19.467	ug/l	96

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42) 1,2-Dichloroethane	8.328	62	31820	21.908	ug/l	99
43) Isopropyl Acetate	8.363	43	26378	19.882	ug/l	98
44) Trichloroethene	9.028	130	33604	18.669	ug/l	97
45) 1,2-Dichloropropane	9.304	63	27257	19.507	ug/l	92
46) Dibromomethane	9.393	93	15911	19.650	ug/l	95
47) Bromodichloromethane	9.587	83	39216	20.116	ug/l	95
48) Methyl methacrylate	9.381	41	10961	18.539	ug/l	92
49) 1,4-Dioxane	9.387	88	2907	355.989	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	61559	95.678	ug/l	96
52) Toluene	10.334	92	77856	20.127	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	35008	20.304	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	42809	19.786	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	22847	20.769	ug/l	98
56) Ethyl methacrylate	10.598	69	22731	18.482	ug/l	96
57) 1,3-Dichloropropane	10.881	76	35810	20.206	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	36503	131.946	ug/l	98
59) 2-Hexanone	10.922	43	42042	94.992	ug/l	99
60) Dibromochloromethane	11.075	129	26381	20.088	ug/l	97
61) 1,2-Dibromoethane	11.181	107	21057	20.312	ug/l	99
64) Tetrachloroethene	10.810	164	28349	19.681	ug/l	93
65) Chlorobenzene	11.604	112	82682	20.476	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	29044	21.200	ug/l	97
67) Ethyl Benzene	11.681	91	144125	20.141	ug/l	97
68) m/p-Xylenes	11.793	106	116578	41.035	ug/l	96
69) o-Xylene	12.122	106	51928	19.883	ug/l	99
70) Styrene	12.134	104	90728	20.504	ug/l	97
71) Bromoform	12.298	173	15350	20.922	ug/l #	99
73) Isopropylbenzene	12.422	105	137693	19.136	ug/l	100
74) N-amyl acetate	12.234	43	21350	18.267	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	24739	20.461	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	15475m	20.269	ug/l	
77) Bromobenzene	12.698	156	32599	19.675	ug/l	95
78) n-propylbenzene	12.763	91	170457	19.774	ug/l	99
79) 2-Chlorotoluene	12.845	91	92084	19.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	116620	19.865	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	6455	20.069	ug/l	98
82) 4-Chlorotoluene	12.945	91	98647	20.433	ug/l	99
83) tert-Butylbenzene	13.163	119	101618	19.642	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	116419	20.098	ug/l	99
85) sec-Butylbenzene	13.345	105	155181	19.882	ug/l	99
86) p-Isopropyltoluene	13.457	119	127911	19.458	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	66847	19.458	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	66729	19.758	ug/l	98
89) n-Butylbenzene	13.787	91	115900	19.278	ug/l	99
90) Hexachloroethane	14.051	117	22738	20.175	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	57500	19.650	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3247	19.427	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	33650	18.625	ug/l	98
94) Hexachlorobutadiene	15.204	225	17956	18.998	ug/l	95
95) Naphthalene	15.334	128	61776	17.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	29875	18.792	ug/l	99

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

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