

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074627.D
 Acq On : 25 Oct 2022 12:37
 Operator : VA/SY
 Sample : VD1025SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 01:20:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	100882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	73451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	36419	47.284	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.560%		
35) Dibromofluoromethane	7.805	113	46571	51.616	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.240%		
50) Toluene-d8	10.269	98	162203	49.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.460%		
62) 4-Bromofluorobenzene	12.569	95	53985	57.835	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	115.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	14181	18.110	ug/l	96
3) Chloromethane	2.146	50	25136	23.712	ug/l	89
4) Vinyl Chloride	2.281	62	26106	22.270	ug/l	99
5) Bromomethane	2.670	94	19685	22.175	ug/l	96
6) Chloroethane	2.828	64	18840	23.376	ug/l	95
7) Trichlorofluoromethane	3.164	101	35541	21.390	ug/l	94
8) Diethyl Ether	3.587	74	10634	22.099	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	23107	21.564	ug/l	97
10) Methyl Iodide	4.158	142	22100	18.533	ug/l	99
11) Tert butyl alcohol	5.017	59	14176m	159.826	ug/l	
12) 1,1-Dichloroethene	3.934	96	22557	21.047	ug/l	81
13) Acrolein	3.793	56	8218	99.623	ug/l	100
14) Allyl chloride	4.558	41	24015	20.749	ug/l	99
15) Acrylonitrile	5.252	53	22046	112.100	ug/l	98
16) Acetone	4.028	43	16545	98.371	ug/l	98
17) Carbon Disulfide	4.264	76	55825	19.035	ug/l	95
18) Methyl Acetate	4.564	43	11992	24.957	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	47409	22.637	ug/l	99
20) Methylene Chloride	4.805	84	37260	23.480	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	24695	20.670	ug/l #	89
22) Diisopropyl ether	6.216	45	54793	23.461	ug/l	97
23) Vinyl Acetate	6.158	43	104116m	101.943	ug/l	
24) 1,1-Dichloroethane	6.116	63	38883	21.451	ug/l	98
25) 2-Butanone	7.081	43	23419	104.128	ug/l	96
26) 2,2-Dichloropropane	7.081	77	36398	21.009	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	29501	22.262	ug/l	97
28) Bromochloromethane	7.428	49	7235	17.130	ug/l #	100
29) Tetrahydrofuran	7.440	42	14608	119.086	ug/l	96
30) Chloroform	7.593	83	43428	22.265	ug/l	100
31) Cyclohexane	7.881	56	30843	19.935	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	38343	21.437	ug/l	100
36) 1,1-Dichloropropene	8.005	75	31026	21.193	ug/l	98
37) Ethyl Acetate	7.169	43	10527	22.791	ug/l	98
38) Carbon Tetrachloride	7.987	117	30603	21.348	ug/l	98
39) Methylcyclohexane	9.275	83	37689	21.546	ug/l	99
40) Benzene	8.252	78	94739	21.805	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5978	24.021	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	23173	23.112	ug/l	97
43) Isopropyl Acetate	8.363	43	19717	22.969	ug/l	100
44) Trichloroethene	9.028	130	27677	21.744	ug/l	97
45) 1,2-Dichloropropane	9.305	63	22326	23.415	ug/l #	85
46) Dibromomethane	9.399	93	12431	22.593	ug/l	98
47) Bromodichloromethane	9.581	83	31999	23.506	ug/l	96
48) Methyl methacrylate	9.387	41	9168	23.370	ug/l	95
49) 1,4-Dioxane	9.393	88	2800	517.059	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	50986	119.413	ug/l	98
52) Toluene	10.334	92	63481	23.691	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	28170	23.535	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	33803	22.399	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	18007	23.820	ug/l	96
56) Ethyl methacrylate	10.599	69	19945	24.136	ug/l	96
57) 1,3-Dichloropropane	10.875	76	28705	23.407	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	12361	86.056	ug/l	97
59) 2-Hexanone	10.922	43	34950	119.927	ug/l	98
60) Dibromochloromethane	11.075	129	22597	24.799	ug/l	99
61) 1,2-Dibromoethane	11.181	107	16223	23.509	ug/l	100
64) Tetrachloroethene	10.810	164	23167	20.921	ug/l	95
65) Chlorobenzene	11.604	112	68923	21.841	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	24523	22.619	ug/l	98
67) Ethyl Benzene	11.681	91	118825	21.624	ug/l	97
68) m/p-Xylenes	11.793	106	95306	43.621	ug/l	99
69) o-Xylene	12.116	106	45069	22.165	ug/l	95
70) Styrene	12.134	104	78401	22.895	ug/l	99
71) Bromoform	12.298	173	12831	22.542	ug/l #	91
73) Isopropylbenzene	12.416	105	118125	20.621	ug/l	98
74) N-amyl acetate	12.228	43	18859	22.274	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	19517	21.522	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	14466m	22.555	ug/l	
77) Bromobenzene	12.698	156	27798	21.501	ug/l	99
78) n-propylbenzene	12.757	91	143336	21.173	ug/l	99
79) 2-Chlorotoluene	12.846	91	76238	20.787	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	101137	21.750	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	4929	19.640	ug/l	95
82) 4-Chlorotoluene	12.945	91	80257	21.300	ug/l	100
83) tert-Butylbenzene	13.163	119	87541	21.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	100225	21.903	ug/l	99
85) sec-Butylbenzene	13.340	105	132978	21.362	ug/l	99
86) p-Isopropyltoluene	13.457	119	109199	20.939	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	57815	21.519	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	57297	21.785	ug/l	99
89) n-Butylbenzene	13.787	91	98381	20.707	ug/l	99
90) Hexachloroethane	14.051	117	19743	21.750	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	49789	22.216	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2961	23.610	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	32032	21.667	ug/l	99
94) Hexachlorobutadiene	15.198	225	17226	21.180	ug/l	98
95) Naphthalene	15.328	128	60998	21.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	28584	22.555	ug/l	99

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

