

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074559.D
 Acq On : 18 Oct 2022 12:08
 Operator : VA/SY
 Sample : VD1018SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBS01

Quant Time: Oct 19 01:30:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	80790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	140117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	115559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	56737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	37999	54.643	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.280%			
35) Dibromofluoromethane	7.804	113	45164	53.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.440%			
50) Toluene-d8	10.269	98	158686	49.490	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.980%			
62) 4-Bromofluorobenzene	12.569	95	48067	48.638	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	13099	16.770	ug/l	97
3) Chloromethane	2.146	50	20181	20.760	ug/l	92
4) Vinyl Chloride	2.281	62	20492	20.377	ug/l	91
5) Bromomethane	2.681	94	15168	21.260	ug/l	93
6) Chloroethane	2.828	64	14832	22.106	ug/l	98
7) Trichlorofluoromethane	3.175	101	30216	19.634	ug/l	96
8) Diethyl Ether	3.587	74	9818	21.253	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	19573	18.922	ug/l	98
10) Methyl Iodide	4.163	142	19555	17.816	ug/l	97
11) Tert butyl alcohol	5.028	59	13663m	118.013	ug/l	
12) 1,1-Dichloroethene	3.934	96	19948	18.933	ug/l	87
13) Acrolein	3.799	56	3737	105.159	ug/l	99
14) Allyl chloride	4.563	41	21279	18.553	ug/l	98
15) Acrylonitrile	5.252	53	19202	104.417	ug/l	100
16) Acetone	4.022	43	15481	103.204	ug/l	98
17) Carbon Disulfide	4.269	76	56075	18.001	ug/l	96
18) Methyl Acetate	4.563	43	10111	21.183	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	40738	20.319	ug/l	96
20) Methylene Chloride	4.799	84	31244	21.252	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	22164	19.531	ug/l	88
22) Diisopropyl ether	6.210	45	47177	20.572	ug/l	97
23) Vinyl Acetate	6.157	43	75291	75.624	ug/l	100
24) 1,1-Dichloroethane	6.116	63	33848	19.067	ug/l	98
25) 2-Butanone	7.087	43	22028	106.380	ug/l	100
26) 2,2-Dichloropropane	7.075	77	31693	20.282	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	25355	20.977	ug/l	97
28) Bromochloromethane	7.422	49	10677	22.779	ug/l	97
29) Tetrahydrofuran	7.446	42	12867	112.678	ug/l	94
30) Chloroform	7.593	83	36779	21.384	ug/l	95
31) Cyclohexane	7.875	56	28747	19.429	ug/l #	88
32) 1,1,1-Trichloroethane	7.793	97	32744	21.024	ug/l	98
36) 1,1-Dichloropropene	8.010	75	27366	20.351	ug/l	97
37) Ethyl Acetate	7.169	43	9617	21.790	ug/l	98
38) Carbon Tetrachloride	7.993	117	25674	20.649	ug/l	96
39) Methylcyclohexane	9.275	83	33042	19.631	ug/l	94
40) Benzene	8.251	78	86032	21.496	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	4824	19.049	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	20370	21.539	ug/l	99
43) Isopropyl Acetate	8.357	43	17205	21.216	ug/l	97
44) Trichloroethene	9.028	130	23696	20.696	ug/l	96
45) 1,2-Dichloropropane	9.304	63	18635	20.437	ug/l	99
46) Dibromomethane	9.398	93	11561	22.565	ug/l	92
47) Bromodichloromethane	9.587	83	27152	21.439	ug/l	99
48) Methyl methacrylate	9.381	41	8336	21.242	ug/l	93
49) 1,4-Dioxane	9.387	88	2651	498.070	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	42092	104.920	ug/l	98
52) Toluene	10.334	92	50592	20.001	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	21702	19.654	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	27381	19.633	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	14682	21.377	ug/l	94
56) Ethyl methacrylate	10.598	69	15887	20.067	ug/l	95
57) 1,3-Dichloropropane	10.875	76	23020	20.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	15783	110.663	ug/l	98
59) 2-Hexanone	10.922	43	29059	108.205	ug/l	98
60) Dibromochloromethane	11.069	129	17750	21.487	ug/l	96
61) 1,2-Dibromoethane	11.181	107	13253	20.739	ug/l	99
64) Tetrachloroethene	10.810	164	18361	21.219	ug/l	95
65) Chlorobenzene	11.604	112	53848	21.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	18488	21.966	ug/l	98
67) Ethyl Benzene	11.681	91	95741	21.775	ug/l	100
68) m/p-Xylenes	11.792	106	76481	43.623	ug/l	100
69) o-Xylene	12.122	106	34720	21.284	ug/l	96
70) Styrene	12.134	104	61811	22.423	ug/l	99
71) Bromoform	12.298	173	10355	24.152	ug/l #	98
73) Isopropylbenzene	12.422	105	92509	20.268	ug/l	98
74) N-amyl acetate	12.228	43	15269	21.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	15886	22.003	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	11630m	23.985	ug/l	
77) Bromobenzene	12.698	156	22691	21.974	ug/l	97
78) n-propylbenzene	12.763	91	112658	20.402	ug/l	99
79) 2-Chlorotoluene	12.845	91	61272	20.674	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	78105	21.055	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	4021	21.035	ug/l	90
82) 4-Chlorotoluene	12.945	91	62543	21.024	ug/l	100
83) tert-Butylbenzene	13.163	119	66738	20.546	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	77113	20.985	ug/l	98
85) sec-Butylbenzene	13.345	105	102017	20.612	ug/l	99
86) p-Isopropyltoluene	13.457	119	84151	20.476	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	44111	20.850	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	44248	21.076	ug/l	98
89) n-Butylbenzene	13.786	91	79358	20.672	ug/l	98
90) Hexachloroethane	14.051	117	14639	20.175	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	38111	21.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2338	23.687	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	23866	20.055	ug/l	97
94) Hexachlorobutadiene	15.198	225	12943	20.919	ug/l	96
95) Naphthalene	15.328	128	45766	20.365	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	21836	21.496	ug/l	100

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

