

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074336.D
 Acq On : 16 Sep 2022 18:11
 Operator : VA/SY
 Sample : MDL04 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL04 2.5PPB

Quant Time: Sep 17 05:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 05:13:14 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	98511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	168541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	151678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	70544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48710	50.765	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.540%			
35) Dibromofluoromethane	7.810	113	50302	45.316	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.640%			
50) Toluene-d8	10.269	98	206265	53.854	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.569	95	61179	41.134	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3147	3.468	ug/l	100
3) Chloromethane	2.140	50	1978	2.292	ug/l	93
4) Vinyl Chloride	2.281	62	1677	1.980	ug/l	96
5) Bromomethane	2.687	94	1417	2.706	ug/l	93
6) Chloroethane	2.828	64	1007	2.024	ug/l	90
7) Trichlorofluoromethane	3.164	101	4052	2.455	ug/l	92
8) Diethyl Ether	3.605	74	1007m	1.914	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.969	101	2700	2.602	ug/l #	88
10) Methyl Iodide	4.158	142	1674	1.306	ug/l #	77
11) Tert butyl alcohol	5.058	59	1303m	20.094	ug/l	
12) 1,1-Dichloroethene	3.946	96	2472	2.340	ug/l #	75
13) Acrolein	3.793	56	325	4.647	ug/l #	80
14) Allyl chloride	4.552	41	3459	2.262	ug/l	93
15) Acrylonitrile	5.258	53	2660	11.471	ug/l #	85
16) Acetone	4.022	43	2906	13.443	ug/l #	85
17) Carbon Disulfide	4.264	76	6376	1.854	ug/l #	90
18) Methyl Acetate	4.569	43	2175	3.387	ug/l #	66
19) Methyl tert-butyl Ether	5.316	73	5506	2.434	ug/l	99
20) Methylene Chloride	4.805	84	14206	7.734	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	2551m	2.181	ug/l	
22) Diisopropyl ether	6.216	45	6788	2.108	ug/l #	89
23) Vinyl Acetate	6.163	43	12499m	8.484	ug/l	
24) 1,1-Dichloroethane	6.105	63	5062	2.442	ug/l #	85
25) 2-Butanone	7.081	43	4655	14.458	ug/l #	76
26) 2,2-Dichloropropane	7.063	77	4844	2.831	ug/l #	73
27) cis-1,2-Dichloroethene	7.081	96	2761	2.131	ug/l	77
28) Bromochloromethane	7.422	49	1823	2.278	ug/l #	43
29) Tetrahydrofuran	7.446	42	2054	11.132	ug/l #	81
30) Chloroform	7.593	83	4597	2.256	ug/l #	82
31) Cyclohexane	7.875	56	5845	2.905	ug/l #	49
32) 1,1,1-Trichloroethane	7.793	97	4657	2.590	ug/l	95
36) 1,1-Dichloropropene	8.010	75	3690	2.178	ug/l	97
37) Ethyl Acetate	7.169	43	1681	2.476	ug/l #	67
38) Carbon Tetrachloride	7.993	117	2941	1.959	ug/l	96
39) Methylcyclohexane	9.269	83	4546	2.218	ug/l	95
40) Benzene	8.246	78	10827	2.279	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.334	62	3283	2.706	ug/l	89
43) Isopropyl Acetate	8.352	43	3103m	2.478	ug/l	
44) Trichloroethene	9.028	130	2913	2.332	ug/l	84
45) 1,2-Dichloropropane	9.304	63	2959	2.476	ug/l	96
46) Dibromomethane	9.393	93	1416	2.304	ug/l	94
47) Bromodichloromethane	9.587	83	3648	2.410	ug/l	90
48) Methyl methacrylate	9.369	41	1503	2.480	ug/l #	94
49) 1,4-Dioxane	9.375	88	117m	17.395	ug/l	
51) 4-Methyl-2-Pentanone	10.157	43	7799	11.853	ug/l	95
52) Toluene	10.328	92	7120	2.433	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	2592	1.919	ug/l #	77
54) cis-1,3-Dichloropropene	10.010	75	3796	2.172	ug/l #	92
55) 1,1,2-Trichloroethane	10.722	97	1904	2.352	ug/l #	80
56) Ethyl methacrylate	10.599	69	2249	2.121	ug/l	97
57) 1,3-Dichloropropane	10.875	76	3512	2.400	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.863	63	2150	7.973	ug/l	99
59) 2-Hexanone	10.922	43	4983	10.827	ug/l	91
60) Dibromochloromethane	11.075	129	2402	2.478	ug/l	95
61) 1,2-Dibromoethane	11.175	107	1799	2.314	ug/l	100
64) Tetrachloroethene	10.810	164	2741	2.666	ug/l #	80
65) Chlorobenzene	11.604	112	7599	2.432	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	2304	2.147	ug/l	93
67) Ethyl Benzene	11.681	91	13424	2.342	ug/l	97
68) m/p-Xylenes	11.787	106	9799	4.462	ug/l	97
69) o-Xylene	12.116	106	4290	2.138	ug/l	97
70) Styrene	12.128	104	7542	2.207	ug/l	99
71) Bromoform	12.298	173	1320	2.292	ug/l #	86
73) Isopropylbenzene	12.416	105	12138	2.237	ug/l	95
74) N-amyl acetate	12.222	43	2430	2.027	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	2461	2.611	ug/l #	96
76) 1,2,3-Trichloropropane	12.710	75	1700m	2.605	ug/l	
77) Bromobenzene	12.693	156	2983	2.516	ug/l	90
78) n-propylbenzene	12.757	91	16308	2.423	ug/l	94
79) 2-Chlorotoluene	12.840	91	8498	2.394	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	10397	2.344	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	408m	1.567	ug/l	
82) 4-Chlorotoluene	12.940	91	8904	2.419	ug/l	98
83) tert-Butylbenzene	13.157	119	8973	2.281	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	9915	2.272	ug/l	97
85) sec-Butylbenzene	13.340	105	13190	2.259	ug/l	99
86) p-Isopropyltoluene	13.451	119	11114	2.278	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	6029	2.474	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	6144	2.580	ug/l	83
89) n-Butylbenzene	13.781	91	11664	2.441	ug/l	95
90) Hexachloroethane	14.045	117	2122	2.304	ug/l	98
91) 1,2-Dichlorobenzene	13.822	146	5073	2.469	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.439	75	199m	1.420	ug/l	
93) 1,2,4-Trichlorobenzene	15.092	180	3523	2.542	ug/l	92
94) Hexachlorobutadiene	15.198	225	1838	2.334	ug/l	92
95) Naphthalene	15.316	128	6115	2.380	ug/l	98
96) 1,2,3-Trichlorobenzene	15.510	180	2791	2.343	ug/l	91

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

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

