

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074858.D
 Acq On : 10 Nov 2022 06:47
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 07:00:32 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	7.881	168	124189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	194798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	92629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	51110	51.962	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.920%			
35) Dibromofluoromethane	7.810	113	68774	54.712	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.420%			
50) Toluene-d8	10.269	98	235985	51.466	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.574	95	71667	54.133	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	50733	49.740	ug/l	99
3) Chloromethane	2.146	50	84360	51.829	ug/l	92
4) Vinyl Chloride	2.287	62	102497	57.423	ug/l	99
5) Bromomethane	2.693	94	84203	62.260	ug/l	99
6) Chloroethane	2.840	64	74683	60.365	ug/l	97
7) Trichlorofluoromethane	3.181	101	117620	56.720	ug/l	93
8) Diethyl Ether	3.598	74	35661	58.867	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	75539	57.345	ug/l	99
10) Methyl Iodide	4.163	142	99056	57.090	ug/l	99
11) Tert butyl alcohol	5.051	59	13801	79.026	ug/l #	90
12) 1,1-Dichloroethene	3.945	96	78416	58.611	ug/l	95
13) Acrolein	3.798	56	10169	150.216	ug/l	98
14) Allyl chloride	4.569	41	85951	60.718	ug/l	99
15) Acrylonitrile	5.251	53	69155	288.887	ug/l	97
16) Acetone	4.022	43	42884	208.925	ug/l	98
17) Carbon Disulfide	4.275	76	228022	56.519	ug/l	99
18) Methyl Acetate	4.563	43	31762	51.171	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	156224	61.398	ug/l	100
20) Methylene Chloride	4.804	84	115578	70.702	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	91490	62.219	ug/l	91
22) Diisopropyl ether	6.222	45	197363	67.551	ug/l	97
23) Vinyl Acetate	6.157	43	419591	337.779	ug/l	99
24) 1,1-Dichloroethane	6.116	63	141717	63.417	ug/l	100
25) 2-Butanone	7.087	43	68302	242.013	ug/l	95
26) 2,2-Dichloropropane	7.075	77	115303	56.075	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	101832	62.780	ug/l	99
28) Bromochloromethane	7.434	49	45173	64.055	ug/l	97
29) Tetrahydrofuran	7.445	42	43525	268.911	ug/l	97
30) Chloroform	7.598	83	154612	64.763	ug/l	100
31) Cyclohexane	7.881	56	98787	49.606	ug/l	97
32) 1,1,1-Trichloroethane	7.798	97	128819	61.081	ug/l	97
36) 1,1-Dichloropropene	8.010	75	102521	53.731	ug/l	99
37) Ethyl Acetate	7.169	43	34392	54.034	ug/l	97
38) Carbon Tetrachloride	7.992	117	92454	51.145	ug/l	95
39) Methylcyclohexane	9.275	83	115706	49.843	ug/l	97
40) Benzene	8.251	78	309362	54.855	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	17420	46.750	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	72863	56.199	ug/l	100
43) Isopropyl Acetate	8.363	43	59831	50.519	ug/l	98
44) Trichloroethene	9.028	130	84974	52.885	ug/l	99
45) 1,2-Dichloropropane	9.304	63	71189	57.075	ug/l	95
46) Dibromomethane	9.398	93	40223	55.649	ug/l	93
47) Bromodichloromethane	9.586	83	102451	58.874	ug/l	97
48) Methyl methacrylate	9.380	41	28370	53.755	ug/l	95
49) 1,4-Dioxane	9.380	88	6140	842.326	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	153782	267.761	ug/l	99
52) Toluene	10.333	92	202936	58.772	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	89081	57.879	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	112590	58.298	ug/l	99
55) 1,1,2-Trichloroethane	10.733	97	57096	58.145	ug/l	97
56) Ethyl methacrylate	10.598	69	61389	55.916	ug/l	96
57) 1,3-Dichloropropane	10.880	76	92610	58.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	111019	364.605	ug/l	96
59) 2-Hexanone	10.922	43	99733	252.441	ug/l	100
60) Dibromochloromethane	11.075	129	67039	57.187	ug/l	97
61) 1,2-Dibromoethane	11.180	107	52942	57.211	ug/l	99
64) Tetrachloroethene	10.810	164	71828	52.197	ug/l	96
65) Chlorobenzene	11.610	112	212277	55.026	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	73954	56.503	ug/l	97
67) Ethyl Benzene	11.686	91	376044	55.007	ug/l	95
68) m/p-Xylenes	11.792	106	299765	110.449	ug/l	100
69) o-Xylene	12.122	106	139819	56.037	ug/l	97
70) Styrene	12.133	104	241295	57.081	ug/l	98
71) Bromoform	12.298	173	37180	53.044	ug/l #	98
73) Isopropylbenzene	12.422	105	361266	53.383	ug/l	98
74) N-amyl acetate	12.233	43	56490	51.391	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.674	83	60470	53.176	ug/l	97
76) 1,2,3-Trichloropropane	12.721	75	41275m	57.481	ug/l	
77) Bromobenzene	12.704	156	82670	53.053	ug/l	95
78) n-propylbenzene	12.763	91	429560	52.985	ug/l	99
79) 2-Chlorotoluene	12.851	91	233911	53.582	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	292514	52.979	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	16650	55.041	ug/l	93
82) 4-Chlorotoluene	12.945	91	243027	53.524	ug/l	100
83) tert-Butylbenzene	13.169	119	248876	51.149	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	294568	54.069	ug/l	99
85) sec-Butylbenzene	13.345	105	371678	50.631	ug/l	100
86) p-Isopropyltoluene	13.463	119	311447	50.376	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	166866	51.646	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	163635	51.518	ug/l	99
89) n-Butylbenzene	13.786	91	274391	48.528	ug/l	99
90) Hexachloroethane	14.057	117	54905	51.799	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	144527	52.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7531	47.909	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	82476	48.538	ug/l	97
94) Hexachlorobutadiene	15.204	225	36875	41.484	ug/l	97
95) Naphthalene	15.333	128	159828	48.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	73843	49.387	ug/l	98

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

