

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071649.D
 Acq On : 10 Jan 2022 09:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 11 04:05:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	334098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	516284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	240300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215426	50.112	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.220%			
35) Dibromofluoromethane	7.914	113	181901	48.550	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.100%			
50) Toluene-d8	10.338	98	723791	51.607	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.626	95	246270	49.831	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	132550	52.378	ug/l	97
3) Chloromethane	2.215	50	172561	52.027	ug/l	100
4) Vinyl Chloride	2.356	62	202387	48.721	ug/l	96
5) Bromomethane	2.774	94	140683	50.706	ug/l	99
6) Chloroethane	2.926	64	138339	46.732	ug/l	93
7) Trichlorofluoromethane	3.279	101	293191	49.789	ug/l	94
8) Diethyl Ether	3.715	74	77016	49.726	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.103	101	178555	51.877	ug/l	98
10) Methyl Iodide	4.303	142	160846	48.876	ug/l	99
11) Tert butyl alcohol	5.215	59	57242	271.899	ug/l	99
12) 1,1-Dichloroethene	4.074	96	152360	51.012	ug/l	99
13) Acrolein	3.921	56	85955	204.857	ug/l	97
14) Allyl chloride	4.715	41	302376	51.057	ug/l	98
15) Acrylonitrile	5.420	53	201498	246.181	ug/l	100
16) Acetone	4.156	43	267623	269.643	ug/l	98
17) Carbon Disulfide	4.415	76	381700	50.905	ug/l	100
18) Methyl Acetate	4.715	43	136413	47.844	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	396494	50.290	ug/l	97
20) Methylene Chloride	4.968	84	180639	49.181	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	170202	49.900	ug/l	93
22) Diisopropyl ether	6.362	45	647413	50.768	ug/l	97
23) Vinyl Acetate	6.303	43	1600698	268.972	ug/l	96
24) 1,1-Dichloroethane	6.268	63	367376	50.470	ug/l	98
25) 2-Butanone	7.209	43	286556	244.366	ug/l	96
26) 2,2-Dichloropropane	7.209	77	323176	52.872	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	205474	51.039	ug/l	98
28) Bromochloromethane	7.544	49	177112	49.948	ug/l	96
29) Tetrahydrofuran	7.556	42	163268	242.023	ug/l	97
30) Chloroform	7.709	83	376019	50.517	ug/l	98
31) Cyclohexane	7.985	56	306275	51.459	ug/l #	95
32) 1,1,1-Trichloroethane	7.903	97	335111	51.080	ug/l	99
36) 1,1-Dichloropropene	8.109	75	272814	51.045	ug/l	100
37) Ethyl Acetate	7.291	43	120440	48.555	ug/l	96
38) Carbon Tetrachloride	8.091	117	285603	52.768	ug/l	99
39) Methylcyclohexane	9.350	83	303878	52.639	ug/l	95
40) Benzene	8.350	78	740880	50.312	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	69334	45.442	ug/l	94
42) 1,2-Dichloroethane	8.420	62	249792	50.112	ug/l	99
43) Isopropyl Acetate	8.450	43	236469	50.644	ug/l	99
44) Trichloroethene	9.114	130	189207	49.928	ug/l	96
45) 1,2-Dichloropropane	9.385	63	200769	50.436	ug/l	97
46) Dibromomethane	9.467	93	101562	49.846	ug/l	98
47) Bromodichloromethane	9.656	83	287399	51.377	ug/l	96
48) Methyl methacrylate	9.450	41	118274	50.125	ug/l	95
49) 1,4-Dioxane	9.456	88	18711	915.983	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	625953	253.794	ug/l	98
52) Toluene	10.397	92	475467	51.296	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	251133	51.177	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	290814	50.262	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	136386	51.061	ug/l	97
56) Ethyl methacrylate	10.656	69	171247	52.304	ug/l	99
57) 1,3-Dichloropropane	10.938	76	244269	49.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	468282	259.088	ug/l	99
59) 2-Hexanone	10.979	43	459612	266.806	ug/l	99
60) Dibromochloromethane	11.132	129	175910	51.739	ug/l	99
61) 1,2-Dibromoethane	11.244	107	127318	49.821	ug/l	97
64) Tetrachloroethene	10.873	164	157879	52.059	ug/l	96
65) Chlorobenzene	11.661	112	502706	50.883	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	187838	50.143	ug/l	98
67) Ethyl Benzene	11.738	91	949195	52.333	ug/l	100
68) m/p-Xylenes	11.850	106	724558	107.410	ug/l	98
69) o-Xylene	12.173	106	337981	52.935	ug/l	100
70) Styrene	12.185	104	582616	53.237	ug/l	100
71) Bromoform	12.355	173	96395	52.700	ug/l #	96
73) Isopropylbenzene	12.473	105	935513	54.174	ug/l	99
74) N-amyl acetate	12.279	43	218758	51.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	152112	49.709	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	106112m	45.699	ug/l	
77) Bromobenzene	12.755	156	192639	51.643	ug/l	99
78) n-propylbenzene	12.814	91	1179634	54.316	ug/l	99
79) 2-Chlorotoluene	12.902	91	646646	52.827	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	790359	54.777	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	43334	52.029	ug/l	96
82) 4-Chlorotoluene	12.997	91	678632	53.439	ug/l	100
83) tert-Butylbenzene	13.214	119	670304	54.368	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	767927	53.819	ug/l	100
85) sec-Butylbenzene	13.391	105	1032420	54.672	ug/l	100
86) p-Isopropyltoluene	13.508	119	860066	55.473	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	405036	52.616	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	397539	50.619	ug/l	99
89) n-Butylbenzene	13.832	91	849661	54.722	ug/l	99
90) Hexachloroethane	14.097	117	165468	53.943	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	344102	52.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	24836	50.497	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	202298	53.207	ug/l	99
94) Hexachlorobutadiene	15.249	225	119550	53.635	ug/l	98
95) Naphthalene	15.385	128	353799	52.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	169765	52.400	ug/l	100

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

