

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074327.D
 Acq On : 16 Sep 2022 13:29
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 17 02:39:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 02:35:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	103737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	177287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	156582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	72424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50722	50.199	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.400%			
35) Dibromofluoromethane	7.804	113	53424	45.754	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.500%			
50) Toluene-d8	10.269	98	217690	54.033	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.569	95	64640	41.317	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	45550	47.665	ug/l	92
3) Chloromethane	2.140	50	45867	50.471	ug/l	99
4) Vinyl Chloride	2.281	62	46557	52.200	ug/l	94
5) Bromomethane	2.687	94	26242	47.592	ug/l	99
6) Chloroethane	2.828	64	27100	51.716	ug/l	92
7) Trichlorofluoromethane	3.169	101	89011	51.214	ug/l	100
8) Diethyl Ether	3.593	74	27535	49.701	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	54412	49.790	ug/l	99
10) Methyl Iodide	4.163	142	74827	55.431	ug/l	100
11) Tert butyl alcohol	5.063	59	15699	229.908	ug/l	99
12) 1,1-Dichloroethene	3.934	96	56045	50.381	ug/l	98
13) Acrolein	3.799	56	17203	233.609	ug/l	100
14) Allyl chloride	4.563	41	83964	52.153	ug/l	98
15) Acrylonitrile	5.257	53	63257	259.040	ug/l	99
16) Acetone	4.022	43	56607	248.671	ug/l	99
17) Carbon Disulfide	4.269	76	188452	52.027	ug/l	100
18) Methyl Acetate	4.557	43	30963	45.789	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	121306	50.922	ug/l	100
20) Methylene Chloride	4.799	84	73629	38.065	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	63055	51.193	ug/l	93
22) Diisopropyl ether	6.216	45	178509	52.643	ug/l	99
23) Vinyl Acetate	6.157	43	427019	275.338	ug/l	98
24) 1,1-Dichloroethane	6.116	63	113017	51.781	ug/l	97
25) 2-Butanone	7.081	43	82804	244.220	ug/l	98
26) 2,2-Dichloropropane	7.075	77	88270	48.991	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	68887	50.480	ug/l	98
28) Bromochloromethane	7.422	49	44615	52.938	ug/l	96
29) Tetrahydrofuran	7.440	42	50686	260.854	ug/l	98
30) Chloroform	7.598	83	108451	50.532	ug/l	91
31) Cyclohexane	7.875	56	104921	49.511	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	94344	49.832	ug/l	98
36) 1,1-Dichloropropene	8.004	75	89473	50.200	ug/l	99
37) Ethyl Acetate	7.169	43	36480	51.089	ug/l	99
38) Carbon Tetrachloride	7.987	117	80906	51.223	ug/l	98
39) Methylcyclohexane	9.275	83	109262	50.680	ug/l	97
40) Benzene	8.251	78	249202	49.865	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	20009	52.824	ug/l	94
42) 1,2-Dichloroethane	8.328	62	63209	49.523	ug/l	97
43) Isopropyl Acetate	8.357	43	66397	50.401	ug/l	97
44) Trichloroethene	9.028	130	65741	50.034	ug/l	92
45) 1,2-Dichloropropane	9.304	63	62524	49.746	ug/l	98
46) Dibromomethane	9.392	93	33094	51.189	ug/l	95
47) Bromodichloromethane	9.581	83	82136	51.581	ug/l	92
48) Methyl methacrylate	9.381	41	32931	51.655	ug/l	98
49) 1,4-Dioxane	9.381	88	7729	1092.431	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	178166	257.412	ug/l	98
52) Toluene	10.334	92	157958	51.313	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	74295	52.294	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	94196	51.247	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	43323	50.873	ug/l	98
56) Ethyl methacrylate	10.598	69	59085	52.964	ug/l	99
57) 1,3-Dichloropropane	10.875	76	77783	50.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	72495	255.568	ug/l	98
59) 2-Hexanone	10.916	43	122552	253.138	ug/l	97
60) Dibromochloromethane	11.069	129	52186	51.173	ug/l	99
61) 1,2-Dibromoethane	11.175	107	41590	50.853	ug/l	98
64) Tetrachloroethene	10.804	164	54082	50.955	ug/l	96
65) Chlorobenzene	11.604	112	163744	50.761	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	56849	51.319	ug/l	99
67) Ethyl Benzene	11.681	91	309545	52.305	ug/l	100
68) m/p-Xylenes	11.786	106	233628	103.059	ug/l	98
69) o-Xylene	12.116	106	109483	52.847	ug/l	98
70) Styrene	12.128	104	185351	52.533	ug/l	99
71) Bromoform	12.292	173	30687	51.624	ug/l #	99
73) Isopropylbenzene	12.416	105	290854	52.216	ug/l	100
74) N-amyl acetate	12.228	43	65431	53.152	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	50680	52.365	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	33417m	49.771	ug/l	
77) Bromobenzene	12.698	156	62147	51.058	ug/l	100
78) n-propylbenzene	12.757	91	358979	51.953	ug/l	99
79) 2-Chlorotoluene	12.845	91	188064	51.609	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	237149	52.067	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	13599	50.863	ug/l #	100
82) 4-Chlorotoluene	12.939	91	196617	52.030	ug/l	98
83) tert-Butylbenzene	13.157	119	210545	52.128	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	232859	51.966	ug/l	100
85) sec-Butylbenzene	13.339	105	317653	52.999	ug/l	99
86) p-Isopropyltoluene	13.451	119	260520	52.010	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	128241	51.255	ug/l	98
88) 1,4-Dichlorobenzene	13.527	146	123140	50.358	ug/l	99
89) n-Butylbenzene	13.780	91	258891	52.770	ug/l	99
90) Hexachloroethane	14.045	117	47792	50.554	ug/l	94
91) 1,2-Dichlorobenzene	13.822	146	107390	50.905	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	7212	50.130	ug/l	89
93) 1,2,4-Trichlorobenzene	15.086	180	72550	50.980	ug/l	98
94) Hexachlorobutadiene	15.192	225	42826	52.970	ug/l	96
95) Naphthalene	15.322	128	136938	51.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	62459	51.067	ug/l	99

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

