

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070582.D
 Acq On : 05 Oct 2021 20:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 10/06/2021
 Supervised By :Mahesh Dadoda 10/07/2021

Quant Time: Oct 06 09:25:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	340564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	616594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	599794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200186	49.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.90%		
35) Dibromofluoromethane	7.914	113	202970	49.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.02%		
50) Toluene-d8	10.338	98	793314	50.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.24%		
62) 4-Bromofluorobenzene	12.620	95	262139	50.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.10%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	177220	42.67	ug/l	99
3) Chloromethane	2.209	50	252638	48.99	ug/l	99
4) Vinyl Chloride	2.350	62	268869	47.05	ug/l	98
5) Bromomethane	2.768	94	185489	53.71	ug/l	97
6) Chloroethane	2.921	64	177142	48.54	ug/l	97
7) Trichlorofluoromethane	3.273	101	325387	43.93	ug/l	92
8) Diethyl Ether	3.709	74	97236	50.46	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	197762	44.06	ug/l	99
10) Methyl Iodide	4.297	142	218514	47.66	ug/l	99
11) Tert butyl alcohol	5.215	59	43732	220.26	ug/l #	86
12) 1,1-Dichloroethene	4.067	96	190269	47.61	ug/l	95
13) Acrolein	3.926	56	44279	232.29	ug/l	98
14) Allyl chloride	4.715	41	279440	50.23	ug/l	100
15) Acrylonitrile	5.414	53	213822	255.75	ug/l	98
16) Acetone	4.156	43	135685	199.36	ug/l	92
17) Carbon Disulfide	4.409	76	705367	48.34	ug/l	99
18) Methyl Acetate	4.720	43	131704	50.15	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	425902	53.50	ug/l	99
20) Methylene Chloride	4.967	84	274849	55.57	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	240984	51.26	ug/l	92
22) Diisopropyl ether	6.362	45	634571	55.53	ug/l	97
23) Vinyl Acetate	6.309	43	1401873	269.80	ug/l	99
24) 1,1-Dichloroethane	6.261	63	417631	49.61	ug/l	99
25) 2-Butanone	7.208	43	220005	246.89	ug/l	99
26) 2,2-Dichloropropane	7.203	77	320406	45.99	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	263660	53.37	ug/l	97
28) Bromochloromethane	7.544	49	162516	55.45	ug/l	97
29) Tetrahydrofuran	7.561	42	154236	268.53	ug/l	99
30) Chloroform	7.708	83	446977	51.05	ug/l	96
31) Cyclohexane	7.985	56	332066	44.74	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	364304	48.30	ug/l	99
36) 1,1-Dichloropropene	8.108	75	321878	49.15	ug/l	99
37) Ethyl Acetate	7.291	43	108571	49.90	ug/l	99
38) Carbon Tetrachloride	8.097	117	319426	46.61	ug/l	100
39) Methylcyclohexane	9.350	83	342651	45.50	ug/l	97
40) Benzene	8.350	78	984994	51.03	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	63813	56.87	ug/l	89
42) 1,2-Dichloroethane	8.420	62	250246	50.13	ug/l	100
43) Isopropyl Acetate	8.450	43	197426	49.52	ug/l	97
44) Trichloroethene	9.108	130	230714	48.47	ug/l	96
45) 1,2-Dichloropropane	9.385	63	248858	50.52	ug/l	96
46) Dibromomethane	9.473	93	128731	50.92	ug/l	98
47) Bromodichloromethane	9.655	83	330352	50.64	ug/l	99
48) Methyl methacrylate	9.455	41	89526	47.91	ug/l #	83
49) 1,4-Dioxane	9.455	88	25375	987.75	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	547327	266.11	ug/l	100
52) Toluene	10.397	92	623837	52.61	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	289768	50.75	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	347054	50.48	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	176699	51.30	ug/l	98
56) Ethyl methacrylate	10.655	69	200265	48.72	ug/l	98
57) 1,3-Dichloropropane	10.938	76	305152	52.08	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	502702	302.94	ug/l	100
59) 2-Hexanone	10.979	43	364773	244.60	ug/l	99
60) Dibromochloromethane	11.132	129	209377	50.46	ug/l	99
61) 1,2-Dibromoethane	11.238	107	162575	50.70	ug/l	100
64) Tetrachloroethene	10.873	164	189653	49.31	ug/l	93
65) Chlorobenzene	11.667	112	630863	49.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	230183	48.38	ug/l	97
67) Ethyl Benzene	11.738	91	1127183	51.07	ug/l	98
68) m/p-Xylenes	11.844	106	901233	103.69	ug/l	100
69) o-Xylene	12.173	106	408060	52.78	ug/l	100
70) Styrene	12.185	104	732907	53.81	ug/l	100
71) Bromoform	12.349	173	111196	49.78	ug/l #	99
73) Isopropylbenzene	12.473	105	1042492	50.11	ug/l	100
74) N-amyl acetate	12.279	43	191469	48.84	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	191860	47.17	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	150469m	58.26	ug/l	
77) Bromobenzene	12.749	156	234635	50.45	ug/l	96
78) n-propylbenzene	12.808	91	1327582	50.42	ug/l	99
79) 2-Chlorotoluene	12.896	91	777582	50.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	908773	51.22	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	54227	46.61	ug/l	99
82) 4-Chlorotoluene	12.996	91	815080	50.48	ug/l	99
83) tert-Butylbenzene	13.214	119	725101	49.45	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	920847	52.16	ug/l	99
85) sec-Butylbenzene	13.391	105	1120938	49.31	ug/l	99
86) p-Isopropyltoluene	13.502	119	931939	50.19	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	478830	49.02	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	469193	48.45	ug/l	99
89) n-Butylbenzene	13.832	91	854219	48.19	ug/l	100
90) Hexachloroethane	14.102	117	185597	46.23	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	415029	49.83	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27793	47.33	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	222385	49.60	ug/l	98
94) Hexachlorobutadiene	15.249	225	134092	47.33	ug/l	100
95) Naphthalene	15.385	128	404165	44.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	195427	49.48	ug/l	98

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

