

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070570.D
 Acq On : 05 Oct 2021 14:18
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100521

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 09:16:02 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	384664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	682292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	648521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	300864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220903	48.80	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.60%		
35) Dibromofluoromethane	7.914	113	229696	50.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.28%		
50) Toluene-d8	10.337	98	896407	51.69	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.38%		
62) 4-Bromofluorobenzene	12.626	95	307411	53.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	210782	44.93	ug/l	97
3) Chloromethane	2.208	50	278427	47.80	ug/l	100
4) Vinyl Chloride	2.350	62	301245	46.67	ug/l	97
5) Bromomethane	2.767	94	207253	53.09	ug/l	98
6) Chloroethane	2.920	64	195901	47.53	ug/l	97
7) Trichlorofluoromethane	3.273	101	392903	46.96	ug/l	96
8) Diethyl Ether	3.708	74	111819	51.37	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	235761	46.50	ug/l	98
10) Methyl Iodide	4.302	142	228673	44.21	ug/l	100
11) Tert butyl alcohol	5.214	59	51831	231.12	ug/l #	83
12) 1,1-Dichloroethene	4.067	96	220788	48.91	ug/l	98
13) Acrolein	3.926	56	55895	259.61	ug/l	98
14) Allyl chloride	4.714	41	328449	52.27	ug/l	98
15) Acrylonitrile	5.420	53	245708	260.19	ug/l	98
16) Acetone	4.155	43	198817	258.63	ug/l	92
17) Carbon Disulfide	4.408	76	788625	47.85	ug/l	98
18) Methyl Acetate	4.714	43	152262	51.33	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	485538	53.99	ug/l	99
20) Methylene Chloride	4.961	84	292327	51.81	ug/l	97
21) trans-1,2-Dichloroethene	5.479	96	267992	50.47	ug/l	90
22) Diisopropyl ether	6.361	45	695840	53.91	ug/l	98
23) Vinyl Acetate	6.302	43	1607734	273.95	ug/l	98
24) 1,1-Dichloroethane	6.261	63	461525	48.54	ug/l	99
25) 2-Butanone	7.214	43	260941	259.25	ug/l	97
26) 2,2-Dichloropropane	7.202	77	388398	49.36	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	289384	51.87	ug/l	99
28) Bromochloromethane	7.549	49	164871	49.81	ug/l	98
29) Tetrahydrofuran	7.561	42	177764	274.01	ug/l	98
30) Chloroform	7.708	83	478388	48.37	ug/l	100
31) Cyclohexane	7.985	56	414917	49.50	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	413055	48.49	ug/l	98
36) 1,1-Dichloropropene	8.108	75	369264	50.96	ug/l	100
37) Ethyl Acetate	7.296	43	120938	50.24	ug/l	100
38) Carbon Tetrachloride	8.096	117	363662	47.95	ug/l	98
39) Methylcyclohexane	9.349	83	433922	52.07	ug/l	100
40) Benzene	8.349	78	1082232	50.67	ug/l	98

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41) Methacrylonitrile	7.520	41	66334	53.43	ug/l	95
42) 1,2-Dichloroethane	8.420	62	266723	48.29	ug/l	100
43) Isopropyl Acetate	8.449	43	225953	51.22	ug/l	99
44) Trichloroethene	9.108	130	265079	50.33	ug/l	98
45) 1,2-Dichloropropane	9.385	63	270450	49.62	ug/l	95
46) Dibromomethane	9.473	93	139434	49.84	ug/l	99
47) Bromodichloromethane	9.655	83	349994	48.48	ug/l	100
48) Methyl methacrylate	9.449	41	114236	55.24	ug/l	98
49) 1,4-Dioxane	9.455	88	29283	1030.12	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	603286	265.08	ug/l	99
52) Toluene	10.396	92	686619	52.33	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	326074	51.61	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	390100	51.28	ug/l	100
55) 1,1,2-Trichloroethane	10.796	97	186960	49.06	ug/l	99
56) Ethyl methacrylate	10.655	69	228445	50.18	ug/l	99
57) 1,3-Dichloropropane	10.937	76	327169	50.46	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.937	63	496303	270.29	ug/l	99
59) 2-Hexanone	10.979	43	422028	255.91	ug/l	100
60) Dibromochloromethane	11.132	129	224466	48.89	ug/l	99
61) 1,2-Dibromoethane	11.237	107	173803	48.98	ug/l	98
64) Tetrachloroethene	10.873	164	204773	49.24	ug/l	97
65) Chlorobenzene	11.661	112	687320	49.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	245489	47.72	ug/l	98
67) Ethyl Benzene	11.737	91	1250625	52.41	ug/l	99
68) m/p-Xylenes	11.849	106	997972	106.19	ug/l	100
69) o-Xylene	12.173	106	459483	54.97	ug/l	98
70) Styrene	12.190	104	795906	54.04	ug/l	100
71) Bromoform	12.349	173	116179	48.10	ug/l #	100
73) Isopropylbenzene	12.473	105	1189682	54.24	ug/l	99
74) N-amyl acetate	12.279	43	215308	52.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	209001	48.74	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	138759m	50.96	ug/l	
77) Bromobenzene	12.749	156	249141	50.81	ug/l	98
78) n-propylbenzene	12.814	91	1509030	54.36	ug/l	99
79) 2-Chlorotoluene	12.896	91	861072	52.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1018323	54.44	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	60792	49.56	ug/l	97
82) 4-Chlorotoluene	12.996	91	901896	52.98	ug/l	100
83) tert-Butylbenzene	13.214	119	831387	53.77	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1018989	54.75	ug/l	100
85) sec-Butylbenzene	13.390	105	1290217	53.83	ug/l	100
86) p-Isopropyltoluene	13.502	119	1065523	54.43	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	521871	50.68	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	509572	49.91	ug/l	99
89) n-Butylbenzene	13.831	91	1005193	53.79	ug/l	100
90) Hexachloroethane	14.096	117	205031	48.44	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	440022	50.11	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	28965	46.78	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	254291	53.80	ug/l	98
94) Hexachlorobutadiene	15.255	225	150186	50.28	ug/l	99
95) Naphthalene	15.384	128	466993	49.00	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	222805	53.51	ug/l	98

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

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