

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070573.D
 Acq On : 05 Oct 2021 15:49
 Operator : VA/SY
 Sample : VD1005SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 09:19:53 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	361611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	661860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	621570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	284323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230064	54.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.12%			
35) Dibromofluoromethane	7.914	113	237601	53.99	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.98%			
50) Toluene-d8	10.338	98	923049	54.87	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.74%			
62) 4-Bromofluorobenzene	12.626	95	311413	55.39	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.78%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	89092	20.20	ug/l	98
3) Chloromethane	2.209	50	116957	21.36	ug/l	99
4) Vinyl Chloride	2.350	62	122888	20.25	ug/l	96
5) Bromomethane	2.756	94	84547	20.86	ug/l	96
6) Chloroethane	2.915	64	75919	19.59	ug/l	96
7) Trichlorofluoromethane	3.268	101	157292	20.00	ug/l	99
8) Diethyl Ether	3.715	74	43292	21.16	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	93136	19.54	ug/l	99
10) Methyl Iodide	4.297	142	78228	16.55	ug/l	100
11) Tert butyl alcohol	5.232	59	22761	107.97	ug/l	98
12) 1,1-Dichloroethene	4.073	96	87609	20.65	ug/l	90
13) Acrolein	3.926	56	21911	108.25	ug/l	94
14) Allyl chloride	4.721	41	120536	20.41	ug/l	98
15) Acrylonitrile	5.426	53	98074	110.48	ug/l	96
16) Acetone	4.150	43	68873	95.30	ug/l	100
17) Carbon Disulfide	4.409	76	312506	20.17	ug/l	99
18) Methyl Acetate	4.715	43	58355	20.93	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	182689	21.61	ug/l	96
20) Methylene Chloride	4.962	84	128766	19.51	ug/l	100
21) trans-1,2-Dichloroethene	5.468	96	103055	20.65	ug/l	97
22) Diisopropyl ether	6.367	45	263804	21.74	ug/l	99
23) Vinyl Acetate	6.303	43	576651	104.52	ug/l	99
24) 1,1-Dichloroethane	6.262	63	183670	20.55	ug/l	96
25) 2-Butanone	7.214	43	98588	104.20	ug/l	94
26) 2,2-Dichloropropane	7.203	77	153964	20.82	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	109864	20.95	ug/l	98
28) Bromochloromethane	7.544	49	60597	19.47	ug/l	99
29) Tetrahydrofuran	7.556	42	64421	105.63	ug/l	99
30) Chloroform	7.709	83	190439	20.48	ug/l	99
31) Cyclohexane	7.985	56	157605	20.00	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	161316	20.14	ug/l	98
36) 1,1-Dichloropropene	8.109	75	141789	20.17	ug/l	98
37) Ethyl Acetate	7.291	43	45333	19.41	ug/l	98
38) Carbon Tetrachloride	8.091	117	141815	19.28	ug/l	98
39) Methylcyclohexane	9.356	83	161756	20.01	ug/l	99
40) Benzene	8.350	78	418443	20.20	ug/l	98

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41) Methacrylonitrile	7.520	41	24100	20.01	ug/l	98
42) 1,2-Dichloroethane	8.420	62	105945	19.77	ug/l	99
43) Isopropyl Acetate	8.450	43	92371	21.59	ug/l	99
44) Trichloroethene	9.108	130	100596	19.69	ug/l	93
45) 1,2-Dichloropropane	9.385	63	107790	20.39	ug/l	97
46) Dibromomethane	9.473	93	54018	19.91	ug/l	97
47) Bromodichloromethane	9.656	83	138662	19.80	ug/l	94
48) Methyl methacrylate	9.450	41	38907	19.40	ug/l #	87
49) 1,4-Dioxane	9.456	88	10825	392.56	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	232690	105.40	ug/l	99
52) Toluene	10.397	92	265218	20.84	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	126227	20.59	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	150820	20.44	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	74974	20.28	ug/l	97
56) Ethyl methacrylate	10.655	69	82708	19.59	ug/l	99
57) 1,3-Dichloropropane	10.938	76	125452	19.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	195114	109.54	ug/l	99
59) 2-Hexanone	10.979	43	153594	93.70	ug/l	99
60) Dibromochloromethane	11.132	129	85408	19.18	ug/l	94
61) 1,2-Dibromoethane	11.238	107	69405	20.16	ug/l	100
64) Tetrachloroethene	10.873	164	80269	20.14	ug/l	95
65) Chlorobenzene	11.661	112	268619	20.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	97480	19.77	ug/l	99
67) Ethyl Benzene	11.738	91	468847	20.50	ug/l	99
68) m/p-Xylenes	11.850	106	370074	41.09	ug/l	99
69) o-Xylene	12.173	106	166227	20.75	ug/l	98
70) Styrene	12.185	104	291861	20.68	ug/l	99
71) Bromoform	12.350	173	46637	20.15	ug/l #	97
73) Isopropylbenzene	12.473	105	430293	20.76	ug/l	99
74) N-amyl acetate	12.279	43	82414	21.10	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	82044	20.24	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	53661m	20.85	ug/l	
77) Bromobenzene	12.749	156	96036	20.72	ug/l	99
78) n-propylbenzene	12.808	91	556504	21.21	ug/l	99
79) 2-Chlorotoluene	12.897	91	325206	21.13	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	381019	21.55	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	24139	20.83	ug/l	100
82) 4-Chlorotoluene	12.997	91	346158	21.52	ug/l	98
83) tert-Butylbenzene	13.214	119	302850	20.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	372804	21.19	ug/l	100
85) sec-Butylbenzene	13.391	105	467259	20.63	ug/l	99
86) p-Isopropyltoluene	13.508	119	388049	20.98	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	200691	20.62	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	197542	20.48	ug/l	98
89) n-Butylbenzene	13.832	91	359957	20.38	ug/l	99
90) Hexachloroethane	14.096	117	81400	20.35	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	172740	20.82	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12618	21.56	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	93849	21.01	ug/l	96
94) Hexachlorobutadiene	15.249	225	57852	20.49	ug/l	98
95) Naphthalene	15.385	128	164236	19.80	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	79503	20.20	ug/l	97

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

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