

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070572.D
 Acq On : 05 Oct 2021 15:21
 Operator : VA/SY
 Sample : VD1005SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 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 09:18:36 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	7.973	168	370601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	676520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	635997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	300221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231657	53.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.22%			
35) Dibromofluoromethane	7.914	113	235862	52.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.88%			
50) Toluene-d8	10.332	98	933741	54.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.60%			
62) 4-Bromofluorobenzene	12.626	95	313314	54.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.04%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	89455	19.79	ug/l	99
3) Chloromethane	2.208	50	116127	20.69	ug/l	98
4) Vinyl Chloride	2.350	62	122830	19.75	ug/l	96
5) Bromomethane	2.755	94	87378	21.07	ug/l	99
6) Chloroethane	2.914	64	79919	20.13	ug/l	98
7) Trichlorofluoromethane	3.273	101	161794	20.07	ug/l	98
8) Diethyl Ether	3.702	74	44704	21.32	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	95228	19.49	ug/l	99
10) Methyl Iodide	4.302	142	73930	15.32	ug/l	100
11) Tert butyl alcohol	5.214	59	21369	98.90	ug/l #	89
12) 1,1-Dichloroethene	4.067	96	90106	20.72	ug/l	87
13) Acrolein	3.914	56	23029	111.02	ug/l	93
14) Allyl chloride	4.708	41	123836	20.46	ug/l	99
15) Acrylonitrile	5.420	53	94712	104.10	ug/l	98
16) Acetone	4.155	43	68977	93.13	ug/l	93
17) Carbon Disulfide	4.408	76	312486	19.68	ug/l	99
18) Methyl Acetate	4.714	43	58951	20.63	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	178511	20.60	ug/l	98
20) Methylene Chloride	4.961	84	135759	20.33	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	103692	20.27	ug/l	99
22) Diisopropyl ether	6.361	45	264513	21.27	ug/l	98
23) Vinyl Acetate	6.302	43	571980	101.16	ug/l	98
24) 1,1-Dichloroethane	6.255	63	183639	20.05	ug/l	99
25) 2-Butanone	7.208	43	99227	102.33	ug/l	90
26) 2,2-Dichloropropane	7.208	77	153567	20.26	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	111296	20.70	ug/l	99
28) Bromochloromethane	7.543	49	60393	18.94	ug/l	98
29) Tetrahydrofuran	7.555	42	65441	104.70	ug/l	96
30) Chloroform	7.708	83	192490	20.20	ug/l	99
31) Cyclohexane	7.985	56	161617	20.01	ug/l	98
32) 1,1,1-Trichloroethane	7.896	97	166323	20.26	ug/l	98
36) 1,1-Dichloropropene	8.108	75	147858	20.58	ug/l	99
37) Ethyl Acetate	7.291	43	46948	19.67	ug/l	96
38) Carbon Tetrachloride	8.090	117	149216	19.84	ug/l	98
39) Methylcyclohexane	9.349	83	163647	19.81	ug/l	98
40) Benzene	8.343	78	423681	20.01	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	25622	20.81	ug/l	96
42) 1,2-Dichloroethane	8.420	62	109198	19.94	ug/l	100
43) Isopropyl Acetate	8.449	43	87598	20.03	ug/l	98
44) Trichloroethene	9.108	130	102252	19.58	ug/l	90
45) 1,2-Dichloropropane	9.379	63	105820	19.58	ug/l	92
46) Dibromomethane	9.473	93	55372	19.96	ug/l	95
47) Bromodichloromethane	9.655	83	143845	20.10	ug/l #	97
48) Methyl methacrylate	9.449	41	41646	20.31	ug/l	97
49) 1,4-Dioxane	9.461	88	10850	384.94	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	229928	101.89	ug/l	99
52) Toluene	10.396	92	267372	20.55	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	125414	20.02	ug/l	96
54) cis-1,3-Dichloropropene	10.084	75	155356	20.60	ug/l	99
55) 1,1,2-Trichloroethane	10.790	97	77850	20.60	ug/l	98
56) Ethyl methacrylate	10.655	69	82412	19.13	ug/l	98
57) 1,3-Dichloropropane	10.937	76	130207	20.25	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.937	63	185395	101.83	ug/l	97
59) 2-Hexanone	10.979	43	150295	89.54	ug/l	100
60) Dibromochloromethane	11.137	129	88373	19.41	ug/l	100
61) 1,2-Dibromoethane	11.243	107	69681	19.80	ug/l	100
64) Tetrachloroethene	10.867	164	83443	20.46	ug/l	94
65) Chlorobenzene	11.667	112	272285	20.08	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	100799	19.98	ug/l	99
67) Ethyl Benzene	11.737	91	476534	20.36	ug/l	97
68) m/p-Xylenes	11.849	106	381814	41.43	ug/l	99
69) o-Xylene	12.173	106	165042	20.13	ug/l	99
70) Styrene	12.190	104	299439	20.73	ug/l	99
71) Bromoform	12.355	173	47348	19.99	ug/l #	97
73) Isopropylbenzene	12.473	105	438533	20.04	ug/l	99
74) N-amyl acetate	12.278	43	80624	19.55	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	83543	19.52	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	56398m	20.75	ug/l	
77) Bromobenzene	12.749	156	97909	20.01	ug/l	98
78) n-propylbenzene	12.814	91	573478	20.70	ug/l	99
79) 2-Chlorotoluene	12.896	91	329637	20.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	383951	20.57	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	24074	19.67	ug/l	99
82) 4-Chlorotoluene	12.996	91	350069	20.61	ug/l	100
83) tert-Butylbenzene	13.214	119	301285	19.53	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	379579	20.44	ug/l	99
85) sec-Butylbenzene	13.390	105	480700	20.10	ug/l	98
86) p-Isopropyltoluene	13.508	119	403676	20.67	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	208888	20.33	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	206079	20.23	ug/l	99
89) n-Butylbenzene	13.831	91	371060	19.90	ug/l	99
90) Hexachloroethane	14.102	117	83267	19.72	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	176558	20.15	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11949	19.34	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	93433	19.81	ug/l	98
94) Hexachlorobutadiene	15.255	225	60571	20.32	ug/l	98
95) Naphthalene	15.384	128	164946	18.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.572	180	83717	20.15	ug/l	99

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

