

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
 Data File : VD073940.D
 Acq On : 03 Aug 2022 15:01
 Operator : VA/SY
 Sample : VD0803SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0803SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/04/2022
 Supervised By :Mahesh Dadoda 08/04/2022

Quant Time: Aug 04 02:50:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	152348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	261662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	246611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	119733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	66575	53.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.860%			
35) Dibromofluoromethane	7.903	113	72764	44.757	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.520%			
50) Toluene-d8	10.326	98	232758	42.503	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 85.000%			
62) 4-Bromofluorobenzene	12.614	95	87181	43.290	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	25055	18.236	ug/l	98
3) Chloromethane	2.209	50	36254	18.728	ug/l	94
4) Vinyl Chloride	2.344	62	48571	20.346	ug/l	100
5) Bromomethane	2.744	94	31778	18.850	ug/l	96
6) Chloroethane	2.909	64	34653	20.640	ug/l	98
7) Trichlorofluoromethane	3.256	101	47588	18.595	ug/l	98
8) Diethyl Ether	3.703	74	11544	17.923	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.079	101	27962	18.432	ug/l	98
10) Methyl Iodide	4.291	142	23008	13.870	ug/l	92
11) Tert butyl alcohol	5.209	59	16646m	181.653	ug/l	
12) 1,1-Dichloroethene	4.056	96	23221	17.276	ug/l	94
13) Acrolein	3.920	56	3897m	63.171	ug/l	
14) Allyl chloride	4.703	41	33554	18.463	ug/l	97
15) Acrylonitrile	5.409	53	27170	98.535	ug/l	96
16) Acetone	4.150	43	22357	78.600	ug/l	99
17) Carbon Disulfide	4.403	76	55081	14.604	ug/l	100
18) Methyl Acetate	4.714	43	15445	20.363	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	61530	18.908	ug/l	97
20) Methylene Chloride	4.956	84	41490	13.949	ug/l	95
21) trans-1,2-Dichloroethene	5.461	96	27099	16.917	ug/l	95
22) Diisopropyl ether	6.356	45	75643	19.170	ug/l #	98
23) Vinyl Acetate	6.303	43	200590m	96.187	ug/l	
24) 1,1-Dichloroethane	6.256	63	51226	19.192	ug/l	95
25) 2-Butanone	7.203	43	35969	96.737	ug/l	96
26) 2,2-Dichloropropane	7.191	77	50225	18.610	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	32253	17.884	ug/l	95
28) Bromochloromethane	7.538	49	17355	19.485	ug/l	94
29) Tetrahydrofuran	7.555	42	21567	99.270	ug/l	99
30) Chloroform	7.697	83	58430	19.212	ug/l	98
31) Cyclohexane	7.973	56	37475	15.885	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	54528	18.830	ug/l	99
36) 1,1-Dichloropropene	8.103	75	38967	16.829	ug/l	99
37) Ethyl Acetate	7.285	43	15402	17.861	ug/l	96
38) Carbon Tetrachloride	8.085	117	45596	17.578	ug/l	88
39) Methylcyclohexane	9.350	83	40709	14.999	ug/l	88
40) Benzene	8.344	78	111491	17.547	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	8256	16.585	ug/l #	90
42) 1,2-Dichloroethane	8.414	62	36212	18.569	ug/l	98
43) Isopropyl Acetate	8.444	43	32685	19.140	ug/l	97
44) Trichloroethene	9.102	130	32845	17.159	ug/l	98
45) 1,2-Dichloropropane	9.379	63	28458	18.614	ug/l	98
46) Dibromomethane	9.467	93	18267	18.576	ug/l	95
47) Bromodichloromethane	9.649	83	45965	18.871	ug/l	100
48) Methyl methacrylate	9.450	41	14502	18.198	ug/l	93
49) 1,4-Dioxane	9.450	88	3940	380.174	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	84111	98.657	ug/l	96
52) Toluene	10.391	92	75660	17.500	ug/l	93
53) t-1,3-Dichloropropene	10.608	75	39151	17.460	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	44739	17.624	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	24161	19.103	ug/l	96
56) Ethyl methacrylate	10.649	69	25346	17.601	ug/l	99
57) 1,3-Dichloropropane	10.932	76	37562	18.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	45965	83.410	ug/l	99
59) 2-Hexanone	10.973	43	55395	96.018	ug/l	94
60) Dibromochloromethane	11.126	129	32666	19.143	ug/l	99
61) 1,2-Dibromoethane	11.232	107	22948	17.901	ug/l	96
64) Tetrachloroethene	10.867	164	26847	15.297	ug/l	96
65) Chlorobenzene	11.655	112	82483	16.872	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.726	131	32921	17.579	ug/l	98
67) Ethyl Benzene	11.732	91	141732	16.414	ug/l	98
68) m/p-Xylenes	11.838	106	112212	32.781	ug/l	97
69) o-Xylene	12.167	106	51480	16.057	ug/l	99
70) Styrene	12.179	104	90652	16.741	ug/l	100
71) Bromoform	12.343	173	19191	18.658	ug/l #	99
73) Isopropylbenzene	12.467	105	137602	16.667	ug/l	100
74) N-amyl acetate	12.273	43	30100	18.207	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	28492	20.259	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	20628m	21.334	ug/l	
77) Bromobenzene	12.743	156	34097	17.545	ug/l	97
78) n-propylbenzene	12.808	91	169706	16.903	ug/l	98
79) 2-Chlorotoluene	12.890	91	98335	17.122	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	120612	17.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.508	75	7855	18.822	ug/l	96
82) 4-Chlorotoluene	12.990	91	103522	17.195	ug/l	99
83) tert-Butylbenzene	13.208	119	99830	16.347	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	121805	17.579	ug/l	100
85) sec-Butylbenzene	13.385	105	152555	16.509	ug/l	100
86) p-Isopropyltoluene	13.496	119	125103	16.117	ug/l	97
87) 1,3-Dichlorobenzene	13.496	146	70103	17.274	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	72389	18.007	ug/l	99
89) n-Butylbenzene	13.826	91	120636	16.855	ug/l	97
90) Hexachloroethane	14.096	117	24382	17.141	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	60892	17.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5032	21.006	ug/l	82
93) 1,2,4-Trichlorobenzene	15.137	180	33947	15.733	ug/l	97
94) Hexachlorobutadiene	15.249	225	19942	17.011	ug/l	96
95) Naphthalene	15.379	128	67569	17.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	30409	16.304	ug/l	100

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

