

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073952.D
 Acq On : 04 Aug 2022 14:43
 Operator : VA/SY
 Sample : VD0804SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0804SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/05/2022
 Supervised By :Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 07:52:52 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	7.973	168	156267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	258229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	237435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	120180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	63356	49.206	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.420%		
35) Dibromofluoromethane	7.903	113	70156	43.727	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.460%		
50) Toluene-d8	10.332	98	219644	40.641	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.280%		
62) 4-Bromofluorobenzene	12.620	95	85857	43.200	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	26956	19.172	ug/l	96
3) Chloromethane	2.209	50	35007	17.631	ug/l	98
4) Vinyl Chloride	2.344	62	48857	19.953	ug/l	99
5) Bromomethane	2.750	94	33299	19.257	ug/l	99
6) Chloroethane	2.909	64	34443	20.000	ug/l	97
7) Trichlorofluoromethane	3.256	101	51787	19.729	ug/l	92
8) Diethyl Ether	3.703	74	11059	16.739	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.085	101	28857	18.545	ug/l	100
10) Methyl Iodide	4.285	142	24781	14.564	ug/l #	94
11) Tert butyl alcohol	5.226	59	17764m	189.927	ug/l	
12) 1,1-Dichloroethene	4.056	96	23421	16.988	ug/l	100
13) Acrolein	3.903	56	1841	43.039	ug/l #	13
14) Allyl chloride	4.703	41	30504	16.364	ug/l	93
15) Acrylonitrile	5.420	53	25729	90.969	ug/l	97
16) Acetone	4.156	43	21836	75.202	ug/l	96
17) Carbon Disulfide	4.397	76	55850	14.457	ug/l	99
18) Methyl Acetate	4.714	43	14065	17.451	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	60837	18.226	ug/l	95
20) Methylene Chloride	4.950	84	45215	15.738	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	27497	16.735	ug/l	96
22) Diisopropyl ether	6.356	45	73083	18.057	ug/l	97
23) Vinyl Acetate	6.303	43	183626	85.844	ug/l	95
24) 1,1-Dichloroethane	6.256	63	50239	18.351	ug/l	96
25) 2-Butanone	7.208	43	33008	86.547	ug/l	99
26) 2,2-Dichloropropane	7.197	77	49527	17.891	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	32506	17.573	ug/l	95
28) Bromochloromethane	7.544	49	16691	18.269	ug/l	93
29) Tetrahydrofuran	7.556	42	20425	91.656	ug/l	100
30) Chloroform	7.703	83	58082	18.619	ug/l	100
31) Cyclohexane	7.979	56	39472	16.312	ug/l #	94
32) 1,1,1-Trichloroethane	7.891	97	54289	18.277	ug/l	98
36) 1,1-Dichloropropene	8.103	75	38351	16.783	ug/l	98
37) Ethyl Acetate	7.297	43	16719	19.646	ug/l #	92
38) Carbon Tetrachloride	8.091	117	46451	18.146	ug/l	92
39) Methylcyclohexane	9.350	83	42433	15.842	ug/l	98
40) Benzene	8.344	78	110956	17.695	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	7662	15.596	ug/l	91
42) 1,2-Dichloroethane	8.420	62	34256	17.800	ug/l	98
43) Isopropyl Acetate	8.450	43	30531	18.117	ug/l	97
44) Trichloroethene	9.102	130	32707	17.315	ug/l	98
45) 1,2-Dichloropropane	9.379	63	27579	18.279	ug/l	99
46) Dibromomethane	9.467	93	17393	17.923	ug/l	99
47) Bromodichloromethane	9.650	83	44497	18.511	ug/l	97
48) Methyl methacrylate	9.444	41	13467	17.124	ug/l	95
49) 1,4-Dioxane	9.450	88	4148	405.565	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	78798	93.654	ug/l	96
52) Toluene	10.397	92	73892	17.318	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	37675	17.026	ug/l	90
54) cis-1,3-Dichloropropene	10.079	75	43180	17.236	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	22845	18.303	ug/l	98
56) Ethyl methacrylate	10.649	69	24235	17.053	ug/l	98
57) 1,3-Dichloropropane	10.932	76	36815	18.225	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	42057	77.333	ug/l	98
59) 2-Hexanone	10.973	43	52956	93.011	ug/l	94
60) Dibromochloromethane	11.132	129	32300	19.180	ug/l	94
61) 1,2-Dibromoethane	11.232	107	22268	17.601	ug/l	99
64) Tetrachloroethene	10.867	164	27051	16.009	ug/l	97
65) Chlorobenzene	11.661	112	82428	17.512	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	31853	17.666	ug/l	96
67) Ethyl Benzene	11.732	91	142171	17.101	ug/l	100
68) m/p-Xylenes	11.838	106	112043	33.997	ug/l	99
69) o-Xylene	12.167	106	50746	16.440	ug/l	97
70) Styrene	12.179	104	89708	17.206	ug/l	98
71) Bromoform	12.343	173	17736	17.910	ug/l #	96
73) Isopropylbenzene	12.467	105	141397	17.063	ug/l	98
74) N-amyl acetate	12.273	43	28466	17.154	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	26682	18.902	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	18022m	18.200	ug/l	
77) Bromobenzene	12.749	156	33495	17.171	ug/l	98
78) n-propylbenzene	12.808	91	174183	17.285	ug/l	98
79) 2-Chlorotoluene	12.891	91	98057	17.010	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	121684	17.284	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.508	75	7310	17.451	ug/l	97
82) 4-Chlorotoluene	12.991	91	103459	17.121	ug/l	99
83) tert-Butylbenzene	13.208	119	102797	16.770	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	119590	17.195	ug/l	98
85) sec-Butylbenzene	13.385	105	158380	17.076	ug/l	98
86) p-Isopropyltoluene	13.502	119	128963	16.553	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	69499	17.061	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	68496	16.975	ug/l	97
89) n-Butylbenzene	13.826	91	124987	17.398	ug/l	98
90) Hexachloroethane	14.096	117	25204	17.653	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	61606	17.688	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	4478	18.624	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	35375	16.334	ug/l	98
94) Hexachlorobutadiene	15.243	225	19542	16.608	ug/l	97
95) Naphthalene	15.379	128	65436	16.542	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	31679	16.922	ug/l	95

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

