

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073951.D
 Acq On : 04 Aug 2022 14:13
 Operator : VA/SY
 Sample : VD0804SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 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 07:52:32 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	152762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	257449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	237965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	117704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	64029	51.041	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.080%			
35) Dibromofluoromethane	7.909	113	69649	43.542	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 87.080%			
50) Toluene-d8	10.332	98	215373	39.972	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 79.940%			
62) 4-Bromofluorobenzene	12.620	95	85656	43.229	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	25607	18.605	ug/l	94
3) Chloromethane	2.203	50	33781	17.403	ug/l	98
4) Vinyl Chloride	2.344	62	48105	20.096	ug/l	98
5) Bromomethane	2.744	94	34923	20.659	ug/l	96
6) Chloroethane	2.909	64	33837	20.099	ug/l	96
7) Trichlorofluoromethane	3.262	101	49266	19.199	ug/l	95
8) Diethyl Ether	3.703	74	11159	17.278	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	27715	18.220	ug/l	95
10) Methyl Iodide	4.291	142	23531	14.147	ug/l	98
11) Tert butyl alcohol	5.226	59	17106m	186.742	ug/l	
12) 1,1-Dichloroethene	4.056	96	24771	18.379	ug/l	95
13) Acrolein	3.920	56	3527	59.536	ug/l	98
14) Allyl chloride	4.709	41	31691	17.390	ug/l	99
15) Acrylonitrile	5.409	53	25508	92.257	ug/l	92
16) Acetone	4.156	43	24600	85.558	ug/l #	87
17) Carbon Disulfide	4.403	76	54272	14.381	ug/l	97
18) Methyl Acetate	4.709	43	14901	19.381	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	59798	18.326	ug/l	97
20) Methylene Chloride	4.956	84	41078	13.587	ug/l	93
21) trans-1,2-Dichloroethene	5.456	96	26469	16.479	ug/l	96
22) Diisopropyl ether	6.362	45	71753	18.135	ug/l	99
23) Vinyl Acetate	6.303	43	185951m	88.926	ug/l	
24) 1,1-Dichloroethane	6.250	63	48875	18.262	ug/l	99
25) 2-Butanone	7.203	43	36223	97.156	ug/l	92
26) 2,2-Dichloropropane	7.197	77	50568	18.686	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	31450	17.392	ug/l	96
28) Bromochloromethane	7.538	49	16460	18.430	ug/l	99
29) Tetrahydrofuran	7.561	42	21001	96.403	ug/l	98
30) Chloroform	7.703	83	57679	18.914	ug/l	86
31) Cyclohexane	7.973	56	38032	16.078	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	52541	18.094	ug/l	97
36) 1,1-Dichloropropene	8.108	75	37534	16.475	ug/l	96
37) Ethyl Acetate	7.291	43	16853	19.863	ug/l	95
38) Carbon Tetrachloride	8.085	117	45623	17.877	ug/l	95
39) Methylcyclohexane	9.344	83	42626	15.963	ug/l	99
40) Benzene	8.338	78	109044	17.443	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	7288	14.880	ug/l #	85
42) 1,2-Dichloroethane	8.414	62	35058	18.272	ug/l	99
43) Isopropyl Acetate	8.444	43	30660	18.248	ug/l	95
44) Trichloroethene	9.103	130	32041	17.013	ug/l	88
45) 1,2-Dichloropropane	9.379	63	27574	18.331	ug/l	100
46) Dibromomethane	9.467	93	17292	17.873	ug/l	97
47) Bromodichloromethane	9.655	83	45110	18.823	ug/l	99
48) Methyl methacrylate	9.450	41	13334	17.006	ug/l #	87
49) 1,4-Dioxane	9.455	88	3764	369.135	ug/l	94
51) 4-Methyl-2-Pentanone	10.214	43	79673	94.980	ug/l	98
52) Toluene	10.397	92	72918	17.142	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	37264	16.891	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	44601	17.857	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	23273	18.702	ug/l	96
56) Ethyl methacrylate	10.655	69	24522	17.308	ug/l	98
57) 1,3-Dichloropropane	10.932	76	37441	18.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	42462	78.314	ug/l	99
59) 2-Hexanone	10.973	43	53290	93.881	ug/l	98
60) Dibromochloromethane	11.132	129	30878	18.391	ug/l	100
61) 1,2-Dibromoethane	11.232	107	22862	18.126	ug/l	100
64) Tetrachloroethene	10.867	164	26976	15.929	ug/l	99
65) Chlorobenzene	11.655	112	81603	17.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	31852	17.626	ug/l	96
67) Ethyl Benzene	11.732	91	140844	16.904	ug/l	99
68) m/p-Xylenes	11.844	106	111627	33.795	ug/l	99
69) o-Xylene	12.167	106	51481	16.641	ug/l	98
70) Styrene	12.179	104	88594	16.955	ug/l	99
71) Bromoform	12.349	173	18351	18.490	ug/l #	98
73) Isopropylbenzene	12.467	105	139980	17.248	ug/l	100
74) N-amyl acetate	12.279	43	28588	17.590	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	26569	19.217	ug/l	99
76) 1,2,3-Trichloropropane	12.761	75	18657m	19.400	ug/l	
77) Bromobenzene	12.744	156	32814	17.176	ug/l	95
78) n-propylbenzene	12.808	91	173336	17.562	ug/l	98
79) 2-Chlorotoluene	12.896	91	98474	17.442	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	121585	17.634	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	7479	18.230	ug/l	96
82) 4-Chlorotoluene	12.991	91	102373	17.298	ug/l	99
83) tert-Butylbenzene	13.208	119	103777	17.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	120100	17.632	ug/l	99
85) sec-Butylbenzene	13.385	105	161627	17.792	ug/l	99
86) p-Isopropyltoluene	13.502	119	133123	17.446	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	69850	17.508	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	69501	17.586	ug/l	98
89) n-Butylbenzene	13.826	91	125456	17.831	ug/l	98
90) Hexachloroethane	14.091	117	26496	18.949	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	60132	17.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4440	18.854	ug/l	92
93) 1,2,4-Trichlorobenzene	15.138	180	35606	16.786	ug/l	99
94) Hexachlorobutadiene	15.243	225	21143	18.347	ug/l	95
95) Naphthalene	15.379	128	65770	16.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.567	180	31280	17.060	ug/l	97

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

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