

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073954.D
 Acq On : 04 Aug 2022 15:42
 Operator : VA/SY
 Sample : VD0804SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0804SBS02

Quant Time: Aug 05 07:53:24 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	149274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	250146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	231721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	63694	52.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.100%			
35) Dibromofluoromethane	7.902	113	70648	45.456	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.920%			
50) Toluene-d8	10.332	98	219967	42.016	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.040%			
62) 4-Bromofluorobenzene	12.620	95	88463	45.949	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	24764	18.403	ug/l	96
3) Chloromethane	2.209	50	33023	17.410	ug/l	99
4) Vinyl Chloride	2.344	62	46699	19.965	ug/l	95
5) Bromomethane	2.750	94	32056	19.406	ug/l	98
6) Chloroethane	2.914	64	34474	20.956	ug/l	96
7) Trichlorofluoromethane	3.267	101	49439	19.716	ug/l	100
8) Diethyl Ether	3.703	74	11563	18.322	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	29864	20.091	ug/l	99
10) Methyl Iodide	4.297	142	24693	15.192	ug/l	98
11) Tert butyl alcohol	5.208	59	16917	189.274	ug/l #	75
12) 1,1-Dichloroethene	4.061	96	24210	18.382	ug/l	96
13) Acrolein	3.926	56	3858	63.558	ug/l #	55
14) Allyl chloride	4.703	41	33051	18.561	ug/l	97
15) Acrylonitrile	5.414	53	28144	104.169	ug/l	99
16) Acetone	4.156	43	24684	87.674	ug/l	97
17) Carbon Disulfide	4.403	76	55931	15.070	ug/l	99
18) Methyl Acetate	4.709	43	15214	20.502	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	62228	19.516	ug/l	95
20) Methylene Chloride	4.950	84	41978	14.883	ug/l #	89
21) trans-1,2-Dichloroethene	5.461	96	27178	17.315	ug/l	94
22) Diisopropyl ether	6.355	45	73818	19.093	ug/l	97
23) Vinyl Acetate	6.297	43	197320	96.567	ug/l	98
24) 1,1-Dichloroethane	6.255	63	50710	19.390	ug/l	97
25) 2-Butanone	7.208	43	37032	101.647	ug/l	98
26) 2,2-Dichloropropane	7.202	77	51616	19.519	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	32846	18.588	ug/l	94
28) Bromochloromethane	7.544	49	17155	19.657	ug/l	99
29) Tetrahydrofuran	7.555	42	21825	102.526	ug/l	97
30) Chloroform	7.702	83	59848	20.083	ug/l	99
31) Cyclohexane	7.979	56	38360	16.595	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	56368	19.866	ug/l	98
36) 1,1-Dichloropropene	8.102	75	40051	18.093	ug/l	99
37) Ethyl Acetate	7.291	43	16004	19.413	ug/l	98
38) Carbon Tetrachloride	8.085	117	47157	19.017	ug/l	98
39) Methylcyclohexane	9.344	83	40497	15.608	ug/l	96
40) Benzene	8.344	78	112000	18.439	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	8996	18.903	ug/l #	82
42) 1,2-Dichloroethane	8.414	62	37465	20.096	ug/l	100
43) Isopropyl Acetate	8.444	43	32427	19.864	ug/l	98
44) Trichloroethene	9.102	130	32004	17.490	ug/l	91
45) 1,2-Dichloropropane	9.379	63	27551	18.850	ug/l	93
46) Dibromomethane	9.461	93	18737	19.932	ug/l	94
47) Bromodichloromethane	9.649	83	47295	20.310	ug/l #	98
48) Methyl methacrylate	9.449	41	13568	17.810	ug/l #	88
49) 1,4-Dioxane	9.444	88	3999	403.631	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	85407	104.789	ug/l	97
52) Toluene	10.391	92	73565	17.799	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	40015	18.667	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	45420	18.716	ug/l	95
55) 1,1,2-Trichloroethane	10.785	97	24220	20.031	ug/l	96
56) Ethyl methacrylate	10.649	69	26728	19.415	ug/l	99
57) 1,3-Dichloropropane	10.938	76	38781	19.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	49008	93.026	ug/l	99
59) 2-Hexanone	10.973	43	56587	102.600	ug/l	96
60) Dibromochloromethane	11.126	129	32275	19.784	ug/l	99
61) 1,2-Dibromoethane	11.232	107	23257	18.977	ug/l	92
64) Tetrachloroethene	10.867	164	26351	15.979	ug/l	97
65) Chlorobenzene	11.655	112	83608	18.201	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	32796	18.638	ug/l	94
67) Ethyl Benzene	11.732	91	143491	17.685	ug/l	97
68) m/p-Xylenes	11.843	106	113185	35.190	ug/l	98
69) o-Xylene	12.167	106	52142	17.309	ug/l	99
70) Styrene	12.185	104	90413	17.769	ug/l	99
71) Bromoform	12.343	173	19074	19.736	ug/l #	96
73) Isopropylbenzene	12.467	105	143439	17.736	ug/l	97
74) N-amyl acetate	12.273	43	31046	19.170	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	28821	20.920	ug/l	94
76) 1,2,3-Trichloropropane	12.767	75	22397m	23.956	ug/l	
77) Bromobenzene	12.749	156	34439	18.090	ug/l	97
78) n-propylbenzene	12.802	91	176336	17.930	ug/l	98
79) 2-Chlorotoluene	12.890	91	99933	17.763	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	123873	18.029	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	8410	20.572	ug/l	98
82) 4-Chlorotoluene	12.990	91	106447	18.050	ug/l	100
83) tert-Butylbenzene	13.208	119	103763	17.345	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	120521	17.756	ug/l	100
85) sec-Butylbenzene	13.385	105	161948	17.891	ug/l	98
86) p-Isopropyltoluene	13.502	119	133782	17.595	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	70750	17.796	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	70936	18.013	ug/l	97
89) n-Butylbenzene	13.826	91	128052	18.264	ug/l	97
90) Hexachloroethane	14.090	117	26269	18.853	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	63934	18.809	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	4958	21.129	ug/l	88
93) 1,2,4-Trichlorobenzene	15.137	180	36117	17.087	ug/l	95
94) Hexachlorobutadiene	15.243	225	20693	18.020	ug/l	99
95) Naphthalene	15.379	128	67386	17.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	32878	17.995	ug/l	92

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

