

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073252.D
 Acq On : 22 May 2022 03:38
 Operator : VA/SY
 Sample : VD0521SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS02

Quant Time: May 22 04:21:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	283501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	517805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	504904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	187197	59.748	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.500%			
35) Dibromofluoromethane	7.908	113	188241	55.092	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.180%			
50) Toluene-d8	10.332	98	670334	53.221	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.620	95	243404	55.066	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	57908	20.442	ug/l	99
3) Chloromethane	2.209	50	66391	20.726	ug/l	98
4) Vinyl Chloride	2.344	62	58020	19.808	ug/l	98
5) Bromomethane	2.744	94	44214	21.223	ug/l	99
6) Chloroethane	2.903	64	38745	21.517	ug/l	97
7) Trichlorofluoromethane	3.262	101	106037	20.473	ug/l	97
8) Diethyl Ether	3.709	74	32586	22.896	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	61515	19.906	ug/l	96
10) Methyl Iodide	4.291	142	61313	18.390	ug/l	96
11) Tert butyl alcohol	5.209	59	35605	73.246	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	58702	20.604	ug/l #	79
13) Acrolein	3.920	56	27067	132.669	ug/l	99
14) Allyl chloride	4.709	41	92920	20.205	ug/l	92
15) Acrylonitrile	5.414	53	80449	123.617	ug/l	98
16) Acetone	4.156	43	61478	113.285	ug/l	98
17) Carbon Disulfide	4.397	76	188493	19.957	ug/l	99
18) Methyl Acetate	4.714	43	43484	28.816	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	152151	23.441	ug/l	96
20) Methylene Chloride	4.962	84	87438	23.267	ug/l #	80
21) trans-1,2-Dichloroethene	5.461	96	74249	21.554	ug/l	93
22) Diisopropyl ether	6.356	45	220821	22.905	ug/l	93
23) Vinyl Acetate	6.297	43	573392	111.504	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	134462	21.729	ug/l	99
25) 2-Butanone	7.208	43	93541	117.815	ug/l	97
26) 2,2-Dichloropropane	7.203	77	88058	16.686	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	82848	21.735	ug/l	88
28) Bromochloromethane	7.538	49	42955	20.149	ug/l #	78
29) Tetrahydrofuran	7.555	42	62684	122.098	ug/l	91
30) Chloroform	7.697	83	149094	23.078	ug/l	95
31) Cyclohexane	7.979	56	101628	18.562	ug/l #	86
32) 1,1,1-Trichloroethane	7.897	97	119671	21.179	ug/l	97
36) 1,1-Dichloropropene	8.103	75	96807	18.838	ug/l	95
37) Ethyl Acetate	7.285	43	47104	23.206	ug/l #	94
38) Carbon Tetrachloride	8.091	117	101446	19.475	ug/l	97
39) Methylcyclohexane	9.344	83	98837	17.258	ug/l	99
40) Benzene	8.344	78	300686	20.303	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	27700	23.422	ug/l	94
42) 1,2-Dichloroethane	8.420	62	90742	22.020	ug/l	96
43) Isopropyl Acetate	8.444	43	84113	22.419	ug/l #	90
44) Trichloroethene	9.108	130	78410	19.854	ug/l	98
45) 1,2-Dichloropropane	9.379	63	77203	20.699	ug/l	98
46) Dibromomethane	9.467	93	43814	21.389	ug/l	96
47) Bromodichloromethane	9.655	83	111250	21.225	ug/l	95
48) Methyl methacrylate	9.444	41	37645	19.943	ug/l #	77
49) 1,4-Dioxane	9.455	88	9956	470.633	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	227800	116.903	ug/l	94
52) Toluene	10.397	92	195747	20.916	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	95540	20.177	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	115483	20.380	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	62284	22.485	ug/l	96
56) Ethyl methacrylate	10.655	69	68395	22.207	ug/l	87
57) 1,3-Dichloropropane	10.938	76	102474	22.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	136200	106.651	ug/l	95
59) 2-Hexanone	10.973	43	152444	118.661	ug/l	97
60) Dibromochloromethane	11.132	129	78595	22.754	ug/l	96
61) 1,2-Dibromoethane	11.238	107	60158	22.727	ug/l	98
64) Tetrachloroethene	10.867	164	63114	19.085	ug/l	99
65) Chlorobenzene	11.661	112	207503	20.033	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	79283	20.639	ug/l	98
67) Ethyl Benzene	11.738	91	348834	19.185	ug/l	100
68) m/p-Xylenes	11.844	106	282286	39.959	ug/l	96
69) o-Xylene	12.167	106	125277	19.304	ug/l	99
70) Styrene	12.185	104	225841	20.227	ug/l	98
71) Bromoform	12.349	173	45526	23.027	ug/l #	100
73) Isopropylbenzene	12.467	105	330528	19.036	ug/l	100
74) N-amyl acetate	12.279	43	77296	20.407	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	72366	22.598	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	59690m	24.978	ug/l	
77) Bromobenzene	12.749	156	84700	20.723	ug/l	91
78) n-propylbenzene	12.808	91	411474	18.877	ug/l	98
79) 2-Chlorotoluene	12.896	91	249060	19.789	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	290352	19.741	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	20076	20.168	ug/l	86
82) 4-Chlorotoluene	12.991	91	264516	20.051	ug/l	100
83) tert-Butylbenzene	13.208	119	227206	18.329	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	286286	19.703	ug/l	98
85) sec-Butylbenzene	13.385	105	352772	18.638	ug/l	98
86) p-Isopropyltoluene	13.502	119	286144	18.546	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	169466	20.570	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	165909	19.950	ug/l	99
89) n-Butylbenzene	13.826	91	268291	18.250	ug/l	98
90) Hexachloroethane	14.096	117	63607	19.924	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	148604	20.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11792	24.046	ug/l	96
93) 1,2,4-Trichlorobenzene	15.137	180	77651	19.188	ug/l	99
94) Hexachlorobutadiene	15.249	225	42783	18.761	ug/l	97
95) Naphthalene	15.379	128	149055	20.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	72559	20.225	ug/l	100

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

