

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073584.D
 Acq On : 15 Jun 2022 11:03
 Operator : VA/SY
 Sample : VD0615SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0615SBS01

Quant Time: Jun 16 06:02:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/16/2022
 Supervised By :Semsettin Yesilyurt 06/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	281093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	457716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	440774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	159536	52.888	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.780%			
35) Dibromofluoromethane	7.908	113	159115	54.060	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.120%			
50) Toluene-d8	10.332	98	605923	54.449	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.900%			
62) 4-Bromofluorobenzene	12.620	95	223209	55.252	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	59626	22.243	ug/l	96
3) Chloromethane	2.209	50	55905	20.336	ug/l	97
4) Vinyl Chloride	2.344	62	52146	20.230	ug/l	93
5) Bromomethane	2.744	94	39741	21.507	ug/l	96
6) Chloroethane	2.909	64	33876	20.624	ug/l	93
7) Trichlorofluoromethane	3.262	101	109336	21.647	ug/l	98
8) Diethyl Ether	3.703	74	27029	18.699	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	61793	21.391	ug/l	95
10) Methyl Iodide	4.291	142	56428	19.081	ug/l	98
11) Tert butyl alcohol	5.203	59	26469	Below Cal	#	86
12) 1,1-Dichloroethene	4.067	96	53330	19.444	ug/l	87
13) Acrolein	3.920	56	9932	74.757	ug/l	99
14) Allyl chloride	4.703	41	77277	18.926	ug/l	# 92
15) Acrylonitrile	5.414	53	59568	91.770	ug/l	98
16) Acetone	4.156	43	50461	95.006	ug/l	# 86
17) Carbon Disulfide	4.403	76	171335	19.708	ug/l	99
18) Methyl Acetate	4.715	43	28570	19.928	ug/l	# 87
19) Methyl tert-butyl Ether	5.473	73	128498	19.630	ug/l	97
20) Methylene Chloride	4.956	84	72233	19.726	ug/l	# 80
21) trans-1,2-Dichloroethene	5.462	96	66993	20.191	ug/l	87
22) Diisopropyl ether	6.362	45	175648	19.935	ug/l	# 95
23) Vinyl Acetate	6.297	43	443210	92.722	ug/l	# 94
24) 1,1-Dichloroethane	6.256	63	112704	19.954	ug/l	98
25) 2-Butanone	7.208	43	71195	91.099	ug/l	# 85
26) 2,2-Dichloropropane	7.197	77	103993	20.537	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	72561	20.231	ug/l	89
28) Bromochloromethane	7.538	49	39196	17.682	ug/l	# 71
29) Tetrahydrofuran	7.561	42	44310	88.879	ug/l	# 86
30) Chloroform	7.703	83	127780	21.176	ug/l	100
31) Cyclohexane	7.979	56	96131	18.918	ug/l	# 84
32) 1,1,1-Trichloroethane	7.897	97	116386	21.889	ug/l	95
36) 1,1-Dichloropropene	8.108	75	94275	21.326	ug/l	97
37) Ethyl Acetate	7.291	43	31757	17.785	ug/l	# 88
38) Carbon Tetrachloride	8.091	117	106612	23.054	ug/l	97
39) Methylcyclohexane	9.350	83	99516	19.318	ug/l	95
40) Benzene	8.344	78	262615	20.423	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	16903	17.460	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	76814	21.606	ug/l	99
43) Isopropyl Acetate	8.444	43	64017	18.634	ug/l #	88
44) Trichloroethene	9.103	130	76698	21.416	ug/l	92
45) 1,2-Dichloropropane	9.379	63	64418	20.223	ug/l	95
46) Dibromomethane	9.467	93	37217	20.740	ug/l	93
47) Bromodichloromethane	9.655	83	94554	21.029	ug/l #	95
48) Methyl methacrylate	9.450	41	32014	18.812	ug/l #	83
49) 1,4-Dioxane	9.461	88	8289	401.612	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	170238	97.928	ug/l	95
52) Toluene	10.397	92	180813	21.924	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	87672	20.789	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	103230	20.901	ug/l #	88
55) 1,1,2-Trichloroethane	10.785	97	52145	20.375	ug/l	91
56) Ethyl methacrylate	10.655	69	55834	19.041	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	86354	20.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	113184	93.883	ug/l	93
59) 2-Hexanone	10.979	43	117049	98.316	ug/l	94
60) Dibromochloromethane	11.132	129	67474	21.361	ug/l	98
61) 1,2-Dibromoethane	11.238	107	50085	20.539	ug/l	98
64) Tetrachloroethene	10.867	164	62359	20.781	ug/l	97
65) Chlorobenzene	11.661	112	190258	20.979	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	71325	20.728	ug/l	96
67) Ethyl Benzene	11.738	91	323372	20.404	ug/l	95
68) m/p-Xylenes	11.844	106	256624	41.262	ug/l	98
69) o-Xylene	12.173	106	120578	21.070	ug/l	92
70) Styrene	12.185	104	205865	20.855	ug/l	99
71) Bromoform	12.349	173	40057	21.290	ug/l #	99
73) Isopropylbenzene	12.467	105	315077	19.386	ug/l	99
74) N-amyl acetate	12.279	43	64015	17.705	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	59734	19.361	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	42588m	18.696	ug/l	
77) Bromobenzene	12.749	156	79419	20.009	ug/l	89
78) n-propylbenzene	12.808	91	405641	20.051	ug/l	98
79) 2-Chlorotoluene	12.896	91	234554	19.946	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	284191	20.274	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	18358	18.916	ug/l	86
82) 4-Chlorotoluene	12.991	91	253452	20.444	ug/l	99
83) tert-Butylbenzene	13.208	119	226812	19.145	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	281783	20.141	ug/l	98
85) sec-Butylbenzene	13.391	105	358823	20.218	ug/l	97
86) p-Isopropyltoluene	13.502	119	297045	20.078	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	162332	20.029	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	161318	20.120	ug/l	100
89) n-Butylbenzene	13.826	91	278788	19.976	ug/l	99
90) Hexachloroethane	14.096	117	62780	20.491	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	142452	20.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	9918	20.128	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	80467	19.222	ug/l	98
94) Hexachlorobutadiene	15.249	225	46680	20.329	ug/l	99
95) Naphthalene	15.385	128	134912	18.794	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	71122	19.458	ug/l	98

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

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