

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073672.D
 Acq On : 23 Jun 2022 17:47
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD062322

Quant Time: Jun 24 07:38:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	213389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	342010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	320812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	169770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	123169	46.995	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.000%		
35) Dibromofluoromethane	7.903	113	123861	46.490	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.980%		
50) Toluene-d8	10.332	98	446176	46.641	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.280%		
62) 4-Bromofluorobenzene	12.620	95	167525	46.692	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	91159	48.585	ug/l	100
3) Chloromethane	2.209	50	84229	48.084	ug/l	97
4) Vinyl Chloride	2.344	62	87410	45.476	ug/l	95
5) Bromomethane	2.762	94	63674	49.987	ug/l	96
6) Chloroethane	2.915	64	57821	44.662	ug/l #	85
7) Trichlorofluoromethane	3.267	101	202855	45.120	ug/l	100
8) Diethyl Ether	3.709	74	54971	47.680	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	119342	46.279	ug/l	99
10) Methyl Iodide	4.297	142	118223	48.164	ug/l	99
11) Tert butyl alcohol	5.197	59	66311	217.272	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	103060	46.999	ug/l	93
13) Acrolein	3.926	56	10961	247.495	ug/l	92
14) Allyl chloride	4.714	41	153105	47.358	ug/l	99
15) Acrylonitrile	5.409	53	131760	238.768	ug/l	98
16) Acetone	4.150	43	103020	244.119	ug/l	98
17) Carbon Disulfide	4.403	76	258515	46.723	ug/l	98
18) Methyl Acetate	4.709	43	52507	43.015	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	279225	48.898	ug/l	98
20) Methylene Chloride	4.962	84	134480	49.892	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	122727	47.045	ug/l	95
22) Diisopropyl ether	6.361	45	366916	50.551	ug/l	99
23) Vinyl Acetate	6.297	43	991122	260.456	ug/l	99
24) 1,1-Dichloroethane	6.256	63	229092	47.389	ug/l	95
25) 2-Butanone	7.203	43	150739	228.225	ug/l	97
26) 2,2-Dichloropropane	7.197	77	221308	48.599	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	147359	48.032	ug/l	98
28) Bromochloromethane	7.538	49	89280	52.331	ug/l	99
29) Tetrahydrofuran	7.555	42	95854	238.725	ug/l	99
30) Chloroform	7.703	83	261021	47.971	ug/l	100
31) Cyclohexane	7.979	56	178802	45.475	ug/l #	94
32) 1,1,1-Trichloroethane	7.897	97	237000	48.492	ug/l	99
36) 1,1-Dichloropropene	8.103	75	178185	47.642	ug/l	98
37) Ethyl Acetate	7.285	43	69475	47.329	ug/l	96
38) Carbon Tetrachloride	8.091	117	208356	47.848	ug/l	96
39) Methylcyclohexane	9.350	83	195565	47.095	ug/l	97
40) Benzene	8.344	78	520627	48.087	ug/l	98

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41) Methacrylonitrile	7.508	41	43593	49.194	ug/l	95
42) 1,2-Dichloroethane	8.414	62	152650	46.796	ug/l	99
43) Isopropyl Acetate	8.444	43	137934	47.888	ug/l	99
44) Trichloroethene	9.108	130	144276	46.395	ug/l	95
45) 1,2-Dichloropropane	9.379	63	130757	48.173	ug/l	95
46) Dibromomethane	9.467	93	73886	46.891	ug/l	98
47) Bromodichloromethane	9.655	83	197831	47.903	ug/l	93
48) Methyl methacrylate	9.450	41	69331m	47.429	ug/l	
49) 1,4-Dioxane	9.455	88	17279	982.118	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	360050	243.250	ug/l	99
52) Toluene	10.397	92	341932	48.200	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	183911	48.951	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	210588	49.238	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	106608	47.996	ug/l	96
56) Ethyl methacrylate	10.655	69	123042	49.149	ug/l	98
57) 1,3-Dichloropropane	10.938	76	174655	47.689	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	236682	243.621	ug/l	99
59) 2-Hexanone	10.973	43	252450	252.632	ug/l	96
60) Dibromochloromethane	11.132	129	137259	46.890	ug/l	94
61) 1,2-Dibromoethane	11.238	107	99460	47.305	ug/l	97
64) Tetrachloroethene	10.867	164	118609	46.693	ug/l	96
65) Chlorobenzene	11.661	112	377010	48.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	152200	48.242	ug/l	99
67) Ethyl Benzene	11.738	91	675161	49.271	ug/l	97
68) m/p-Xylenes	11.843	106	525552	99.250	ug/l	99
69) o-Xylene	12.173	106	246700	50.229	ug/l	98
70) Styrene	12.185	104	431410	50.194	ug/l	99
71) Bromoform	12.349	173	81840	47.655	ug/l #	96
73) Isopropylbenzene	12.467	105	679612	49.024	ug/l	99
74) N-amyl acetate	12.273	43	135533	47.779	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	116094	44.389	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	69739m	42.212	ug/l	
77) Bromobenzene	12.749	156	156329	46.894	ug/l	100
78) n-propylbenzene	12.808	91	825200	48.701	ug/l	100
79) 2-Chlorotoluene	12.896	91	476731	48.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	572529	48.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	37154	45.912	ug/l	99
82) 4-Chlorotoluene	12.990	91	506248	48.248	ug/l	100
83) tert-Butylbenzene	13.208	119	512092	49.020	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	578715	49.573	ug/l	100
85) sec-Butylbenzene	13.385	105	745776	48.537	ug/l	99
86) p-Isopropyltoluene	13.502	119	629741	49.232	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	325275	46.854	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	317749	46.247	ug/l	98
89) n-Butylbenzene	13.826	91	582752	48.654	ug/l	99
90) Hexachloroethane	14.096	117	124594	47.254	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	281470	47.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	19301	44.205	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	174180	48.829	ug/l	97
94) Hexachlorobutadiene	15.249	225	95882	47.404	ug/l	98
95) Naphthalene	15.384	128	308796	48.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	149797	48.069	ug/l	98

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

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