

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062722\
 Data File : VD073725.D
 Acq On : 27 Jun 2022 16:02
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 27 16:11:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:18:57 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	305820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	487496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	467843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	233736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	353578	97.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 195.720%#			
35) Dibromofluoromethane	7.908	113	367293	100.569	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.140%#			
50) Toluene-d8	10.332	98	1267907	97.640	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 195.280%#			
62) 4-Bromofluorobenzene	12.620	95	540082	109.405	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 218.820%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	220277	75.716	ug/l	95
3) Chloromethane	2.209	50	202389	77.191	ug/l	96
4) Vinyl Chloride	2.344	62	217060	83.875	ug/l	99
5) Bromomethane	2.732	94	153831	76.882	ug/l	97
6) Chloroethane	2.897	64	155564	88.454	ug/l	96
7) Trichlorofluoromethane	3.256	101	558528	91.302	ug/l	99
8) Diethyl Ether	3.703	74	170606	107.377	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	333606	94.209	ug/l	99
10) Methyl Iodide	4.291	142	331919	100.405	ug/l	96
11) Tert butyl alcohol	5.220	59	193058	235.672	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	276899	93.457	ug/l	94
13) Acrolein	3.920	56	27054	460.631	ug/l	97
14) Allyl chloride	4.703	41	466133	105.627	ug/l	98
15) Acrylonitrile	5.408	53	442768	573.556	ug/l	99
16) Acetone	4.150	43	321240	502.132	ug/l	97
17) Carbon Disulfide	4.397	76	513443	70.303	ug/l	99
18) Methyl Acetate	4.708	43	187048	93.304	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	937906	117.973	ug/l	100
20) Methylene Chloride	4.950	84	381759	81.211	ug/l	92
21) trans-1,2-Dichloroethene	5.461	96	327702	92.857	ug/l	98
22) Diisopropyl ether	6.361	45	1159055	115.398	ug/l	99
23) Vinyl Acetate	6.297	43	3238446	615.666	ug/l	100
24) 1,1-Dichloroethane	6.255	63	676019	102.011	ug/l	99
25) 2-Butanone	7.202	43	523836	566.748	ug/l	98
26) 2,2-Dichloropropane	7.202	77	638430	102.332	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	438914	104.722	ug/l	98
28) Bromochloromethane	7.538	49	254989	108.627	ug/l	99
29) Tetrahydrofuran	7.555	42	335597	596.096	ug/l	99
30) Chloroform	7.702	83	783079	104.417	ug/l	100
31) Cyclohexane	7.979	56	462299	86.958	ug/l	94
32) 1,1,1-Trichloroethane	7.896	97	685225	102.157	ug/l	100
36) 1,1-Dichloropropene	8.102	75	496688	98.592	ug/l	98
37) Ethyl Acetate	7.291	43	240076	117.844	ug/l	97
38) Carbon Tetrachloride	8.091	117	592920	100.113	ug/l	99
39) Methylcyclohexane	9.349	83	539903	97.362	ug/l	96
40) Benzene	8.344	78	1464628	100.003	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	150768	124.097	ug/l	95
42) 1,2-Dichloroethane	8.414	62	467694	104.661	ug/l	99
43) Isopropyl Acetate	8.444	43	477772	120.328	ug/l	99
44) Trichloroethene	9.108	130	422245	100.278	ug/l	92
45) 1,2-Dichloropropane	9.379	63	398952	107.853	ug/l	99
46) Dibromomethane	9.467	93	229595	105.913	ug/l	96
47) Bromodichloromethane	9.655	83	624939	110.543	ug/l	97
48) Methyl methacrylate	9.449	41	219584	109.240	ug/l	90
49) 1,4-Dioxane	9.455	88	60196	2470.018	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	1280372	622.888	ug/l	99
52) Toluene	10.396	92	1026230	106.455	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	592637	114.834	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	653588	111.695	ug/l	98
55) 1,1,2-Trichloroethane	10.790	97	335650	110.197	ug/l	95
56) Ethyl methacrylate	10.655	69	442058	127.526	ug/l	97
57) 1,3-Dichloropropane	10.938	76	569956	113.192	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	798748	597.314	ug/l	99
59) 2-Hexanone	10.973	43	876876	631.295	ug/l	100
60) Dibromochloromethane	11.132	129	458593	114.137	ug/l	96
61) 1,2-Dibromoethane	11.237	107	320023	110.821	ug/l	97
64) Tetrachloroethene	10.867	164	344778	98.086	ug/l	97
65) Chlorobenzene	11.661	112	1172132	107.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	481364	109.008	ug/l	99
67) Ethyl Benzene	11.737	91	2091166	109.867	ug/l	99
68) m/p-Xylenes	11.843	106	1602561	217.982	ug/l	100
69) o-Xylene	12.167	106	775368	113.471	ug/l	99
70) Styrene	12.184	104	1370706	114.389	ug/l	99
71) Bromoform	12.349	173	279286	115.025	ug/l #	98
73) Isopropylbenzene	12.467	105	2179402	118.780	ug/l	99
74) N-amyl acetate	12.279	43	489325	128.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	408578	116.272	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	298405m	131.282	ug/l	
77) Bromobenzene	12.749	156	503014	113.619	ug/l	99
78) n-propylbenzene	12.808	91	2609086	116.193	ug/l	99
79) 2-Chlorotoluene	12.896	91	1504952	115.016	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1821741	115.697	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	132819	121.815	ug/l	97
82) 4-Chlorotoluene	12.990	91	1578152	113.670	ug/l	100
83) tert-Butylbenzene	13.208	119	1682522	122.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1801930	116.403	ug/l	100
85) sec-Butylbenzene	13.384	105	2384956	116.813	ug/l	100
86) p-Isopropyltoluene	13.502	119	1989833	116.926	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	1006491	108.922	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	1002441	109.871	ug/l	100
89) n-Butylbenzene	13.826	91	1863045	117.280	ug/l	98
90) Hexachloroethane	14.096	117	403151	115.115	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	912239	114.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	67215	113.142	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	567144	119.078	ug/l	98
94) Hexachlorobutadiene	15.249	225	293445	108.547	ug/l	100
95) Naphthalene	15.378	128	1154156	134.405	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	503504	120.469	ug/l	98

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

