

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073505.D
 Acq On : 09 Jun 2022 12:21
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 09 12:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:21:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	353945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	588500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	556473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	263914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	554260	142.358	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 284.720%#			
35) Dibromofluoromethane	7.908	113	545530	141.036	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 282.080%#			
50) Toluene-d8	10.332	98	2176532	151.447	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 302.900%#			
62) 4-Bromofluorobenzene	12.620	95	783291	154.242	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 308.480%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	447505	126.015	ug/l	97
3) Chloromethane	2.209	50	501863	126.584	ug/l	98
4) Vinyl Chloride	2.344	62	467119	128.814	ug/l	98
5) Bromomethane	2.732	94	318992	121.739	ug/l	96
6) Chloroethane	2.897	64	299719	134.019	ug/l	97
7) Trichlorofluoromethane	3.256	101	900212	138.118	ug/l	99
8) Diethyl Ether	3.703	74	279730	157.066	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.085	101	521511	134.236	ug/l	94
10) Methyl Iodide	4.291	142	697804	168.261	ug/l	97
11) Tert butyl alcohol	5.220	59	254955	404.851	ug/l #	93
12) 1,1-Dichloroethene	4.056	96	519902	145.891	ug/l	91
13) Acrolein	3.914	56	126302	482.936	ug/l	96
14) Allyl chloride	4.703	41	838821	148.434	ug/l	90
15) Acrylonitrile	5.408	53	648015	797.021	ug/l	98
16) Acetone	4.150	43	461190	677.304	ug/l #	89
17) Carbon Disulfide	4.397	76	1678482	141.948	ug/l	100
18) Methyl Acetate	4.714	43	295996	158.250	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	1315102	161.314	ug/l	99
20) Methylene Chloride	4.956	84	597904	117.776	ug/l	87
21) trans-1,2-Dichloroethene	5.461	96	618635	143.303	ug/l	89
22) Diisopropyl ether	6.356	45	1721704	144.433	ug/l #	92
23) Vinyl Acetate	6.297	43	4961775	776.057	ug/l #	93
24) 1,1-Dichloroethane	6.255	63	1041144	135.356	ug/l	99
25) 2-Butanone	7.202	43	749384	756.737	ug/l #	86
26) 2,2-Dichloropropane	7.202	77	921960	139.729	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	701986	147.763	ug/l	89
28) Bromochloromethane	7.538	49	415085	154.775	ug/l #	76
29) Tetrahydrofuran	7.555	42	507803	790.003	ug/l #	86
30) Chloroform	7.702	83	1110520	137.929	ug/l	98
31) Cyclohexane	7.979	56	939135	137.149	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	985432	139.128	ug/l	95
36) 1,1-Dichloropropene	8.108	75	845553	143.711	ug/l	96
37) Ethyl Acetate	7.285	43	358465	153.821	ug/l #	93
38) Carbon Tetrachloride	8.091	117	880140	147.510	ug/l	99
39) Methylcyclohexane	9.349	83	1038036	156.978	ug/l	95
40) Benzene	8.344	78	2441518	143.874	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	193613	140.295	ug/l #	83
42) 1,2-Dichloroethane	8.414	62	677247	144.144	ug/l	95
43) Isopropyl Acetate	8.444	43	697872	162.790	ug/l #	93
44) Trichloroethene	9.102	130	680895	149.824	ug/l	97
45) 1,2-Dichloropropane	9.379	63	603415	142.478	ug/l	98
46) Dibromomethane	9.467	93	344506	147.701	ug/l	94
47) Bromodichloromethane	9.655	83	855161	143.043	ug/l	99
48) Methyl methacrylate	9.449	41	355176	164.279	ug/l #	86
49) 1,4-Dioxane	9.455	88	82760	3369.246	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	1787029	803.679	ug/l	91
52) Toluene	10.396	92	1632246	152.360	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	845771	155.468	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	962850	149.146	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	479253	150.534	ug/l	98
56) Ethyl methacrylate	10.649	69	636423	180.344	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	814395	152.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	1239625	860.277	ug/l	92
59) 2-Hexanone	10.973	43	1237070	842.019	ug/l	90
60) Dibromochloromethane	11.132	129	615400	154.521	ug/l	99
61) 1,2-Dibromoethane	11.238	107	478312	156.682	ug/l	98
64) Tetrachloroethene	10.867	164	565967	152.257	ug/l	98
65) Chlorobenzene	11.661	112	1736772	150.601	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	646887	150.925	ug/l	99
67) Ethyl Benzene	11.738	91	3131755	154.825	ug/l	98
68) m/p-Xylenes	11.843	106	2416740	308.215	ug/l	98
69) o-Xylene	12.167	106	1152603	159.539	ug/l	96
70) Styrene	12.185	104	1979723	159.232	ug/l	98
71) Bromoform	12.349	173	364590	164.489	ug/l #	99
73) Isopropylbenzene	12.467	105	3040422	161.279	ug/l	99
74) N-amyl acetate	12.279	43	681910	167.050	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	547443	157.819	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	404974m	157.086	ug/l	
77) Bromobenzene	12.749	156	709416	159.209	ug/l	90
78) n-propylbenzene	12.808	91	3681141	155.822	ug/l	98
79) 2-Chlorotoluene	12.896	91	2116576	154.983	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	2534941	158.388	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	186735	173.186	ug/l #	84
82) 4-Chlorotoluene	12.990	91	2212676	154.744	ug/l	98
83) tert-Butylbenzene	13.208	119	2211613	162.852	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	2514353	158.455	ug/l	98
85) sec-Butylbenzene	13.390	105	3226661	156.424	ug/l	98
86) p-Isopropyltoluene	13.502	119	2690874	159.713	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	1364035	151.470	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	1363757	149.856	ug/l	99
89) n-Butylbenzene	13.826	91	2520869	157.538	ug/l	98
90) Hexachloroethane	14.096	117	529784	152.359	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	1211131	155.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	87106	163.243	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	754451	169.712	ug/l	99
94) Hexachlorobutadiene	15.249	225	381410	150.598	ug/l	98
95) Naphthalene	15.384	128	1533065	195.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	667377	169.359	ug/l	99

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

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