

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012622\
 Data File : VD071789.D
 Acq On : 26 Jan 2022 15:19
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 26 15:30:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 26 14:49:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	447523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	733296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	692121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	323670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	844242	146.612	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 293.220%#			
35) Dibromofluoromethane	7.914	113	746231	153.984	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 307.960%#			
50) Toluene-d8	10.338	98	2942895	162.225	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 324.440%#			
62) 4-Bromofluorobenzene	12.626	95	1006439	157.444	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 314.880%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	697097	189.729	ug/l	98
3) Chloromethane	2.215	50	847226	174.876	ug/l	97
4) Vinyl Chloride	2.350	62	902549	162.205	ug/l	96
5) Bromomethane	2.750	94	586810	140.306	ug/l	98
6) Chloroethane	2.915	64	577689	145.686	ug/l	95
7) Trichlorofluoromethane	3.273	101	1294556	164.119	ug/l	97
8) Diethyl Ether	3.715	74	372145	179.381	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	742107	160.963	ug/l	97
10) Methyl Iodide	4.303	142	873923	198.253	ug/l	97
11) Tert butyl alcohol	5.220	59	218638	402.997	ug/l	96
12) 1,1-Dichloroethene	4.067	96	710084	177.487	ug/l	95
13) Acrolein	3.920	56	317814	565.472	ug/l	100
14) Allyl chloride	4.714	41	1401478	176.667	ug/l	95
15) Acrylonitrile	5.420	53	901601	822.349	ug/l	99
16) Acetone	4.156	43	1079943	812.317	ug/l	96
17) Carbon Disulfide	4.414	76	2385262	224.784	ug/l	99
18) Methyl Acetate	4.720	43	550071	132.029	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	1778427	168.400	ug/l	98
20) Methylene Chloride	4.967	84	796744	136.533	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	825153	180.606	ug/l	99
22) Diisopropyl ether	6.367	45	2761498	161.663	ug/l	99
23) Vinyl Acetate	6.309	43	7744056	971.459	ug/l	97
24) 1,1-Dichloroethane	6.261	63	1548704	158.836	ug/l	99
25) 2-Butanone	7.214	43	1326969	844.795	ug/l	94
26) 2,2-Dichloropropane	7.208	77	1312647	160.323	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	918324	170.294	ug/l	98
28) Bromochloromethane	7.544	49	590821	124.389	ug/l	94
29) Tetrahydrofuran	7.561	42	765832	847.516	ug/l	96
30) Chloroform	7.708	83	1535183	153.973	ug/l	100
31) Cyclohexane	7.985	56	1482174	172.746	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	1383296	157.411	ug/l	98
36) 1,1-Dichloropropene	8.114	75	1246235	180.277	ug/l	99
37) Ethyl Acetate	7.291	43	534426	166.571	ug/l	98
38) Carbon Tetrachloride	8.097	117	1224679	174.936	ug/l	96
39) Methylcyclohexane	9.355	83	1503972	201.418	ug/l	96
40) Benzene	8.350	78	3323841	174.509	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	345463	164.874	ug/l	96
42) 1,2-Dichloroethane	8.420	62	1023982	158.821	ug/l	97
43) Isopropyl Acetate	8.450	43	1020319	168.942	ug/l	99
44) Trichloroethene	9.108	130	851971	173.812	ug/l	94
45) 1,2-Dichloropropane	9.385	63	847963	164.690	ug/l	99
46) Dibromomethane	9.473	93	444061	168.498	ug/l	97
47) Bromodichloromethane	9.661	83	1181168	163.246	ug/l	98
48) Methyl methacrylate	9.450	41	550467	180.364	ug/l #	88
49) 1,4-Dioxane	9.461	88	97203	3678.926	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	2724961	854.181	ug/l	99
52) Toluene	10.402	92	2137808	178.312	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	1145828	180.528	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	1335645	178.472	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	583751	168.964	ug/l	97
56) Ethyl methacrylate	10.655	69	808342	190.879	ug/l	92
57) 1,3-Dichloropropane	10.938	76	1068264	167.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	1899840	812.657	ug/l	99
59) 2-Hexanone	10.979	43	2034937	913.285	ug/l	97
60) Dibromochloromethane	11.138	129	742978	168.950	ug/l	100
61) 1,2-Dibromoethane	11.244	107	570130	172.483	ug/l	99
64) Tetrachloroethene	10.873	164	711441	174.991	ug/l	97
65) Chlorobenzene	11.667	112	2176932	164.366	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	797509	158.807	ug/l	98
67) Ethyl Benzene	11.738	91	4149673	170.665	ug/l	97
68) m/p-Xylenes	11.849	106	3145860	347.871	ug/l	96
69) o-Xylene	12.173	106	1476437	172.494	ug/l	97
70) Styrene	12.191	104	2529351	172.403	ug/l	99
71) Bromoform	12.355	173	417025	170.067	ug/l #	98
73) Isopropylbenzene	12.473	105	3923635	168.686	ug/l	98
74) N-amyl acetate	12.279	43	947326	166.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	648415	157.317	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	475779m	152.125	ug/l	
77) Bromobenzene	12.755	156	833566	165.906	ug/l	98
78) n-propylbenzene	12.814	91	4796481	163.965	ug/l	98
79) 2-Chlorotoluene	12.902	91	2725696	165.318	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	3221933	165.784	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	214273	191.002	ug/l	87
82) 4-Chlorotoluene	12.996	91	2810173	164.289	ug/l	99
83) tert-Butylbenzene	13.214	119	2713978	163.428	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	3182715	165.601	ug/l	100
85) sec-Butylbenzene	13.390	105	4119048	161.942	ug/l	99
86) p-Isopropyltoluene	13.508	119	3445205	164.976	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	1674950	161.538	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	1646673	155.667	ug/l	98
89) n-Butylbenzene	13.832	91	3328464	159.153	ug/l	98
90) Hexachloroethane	14.102	117	662784	160.414	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	1431003	161.033	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	109982	166.020	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	885690	172.944	ug/l	99
94) Hexachlorobutadiene	15.255	225	462178	153.942	ug/l	99
95) Naphthalene	15.384	128	1704869	188.024	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	739888	169.550	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

