

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073668.D
 Acq On : 23 Jun 2022 15:03
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 24 06:58:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 06:54:43 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	7.967	168	223926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	342388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	322693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	169171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237067	92.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.280%#	
35) Dibromofluoromethane	7.908	113	240310	96.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 192.120%#	
50) Toluene-d8	10.332	98	874186	98.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 196.640%#	
62) 4-Bromofluorobenzene	12.620	95	336069	102.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 205.700%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	194720	90.443	ug/l	96
3) Chloromethane	2.209	50	180767	93.040	ug/l	95
4) Vinyl Chloride	2.344	62	185289	100.645	ug/l	94
5) Bromomethane	2.744	94	130358	89.964	ug/l	95
6) Chloroethane	2.909	64	124147	102.010	ug/l	98
7) Trichlorofluoromethane	3.268	101	437089	101.367	ug/l	99
8) Diethyl Ether	3.709	74	116869	104.245	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.085	101	251412	101.306	ug/l	99
10) Methyl Iodide	4.291	142	276470	116.408	ug/l	97
11) Tert butyl alcohol	5.214	59	111547	370.316	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	221124	102.191	ug/l	99
13) Acrolein	3.915	56	24965	360.644	ug/l	97
14) Allyl chloride	4.709	41	339384	109.429	ug/l	100
15) Acrylonitrile	5.414	53	282728	556.073	ug/l	99
16) Acetone	4.150	43	213877	512.933	ug/l	99
17) Carbon Disulfide	4.403	76	543195	89.180	ug/l	98
18) Methyl Acetate	4.709	43	120779	91.732	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	600293	116.593	ug/l	99
20) Methylene Chloride	4.956	84	266453	81.540	ug/l	88
21) trans-1,2-Dichloroethene	5.462	96	258693	100.934	ug/l	100
22) Diisopropyl ether	6.356	45	756716	108.472	ug/l	99
23) Vinyl Acetate	6.297	43	2136767	586.014	ug/l	100
24) 1,1-Dichloroethane	6.256	63	470165	100.309	ug/l	98
25) 2-Butanone	7.208	43	328158	546.103	ug/l	99
26) 2,2-Dichloropropane	7.197	77	456948	105.473	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	310846	104.440	ug/l	99
28) Bromochloromethane	7.538	49	174764	100.900	ug/l	99
29) Tetrahydrofuran	7.556	42	209494	565.638	ug/l	99
30) Chloroform	7.703	83	529327	99.620	ug/l	98
31) Cyclohexane	7.979	56	380987	97.424	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	483615	101.955	ug/l	99
36) 1,1-Dichloropropene	8.103	75	377593	107.759	ug/l	99
37) Ethyl Acetate	7.285	43	152980	113.644	ug/l	97
38) Carbon Tetrachloride	8.091	117	429524	107.516	ug/l	96
39) Methylcyclohexane	9.350	83	435831	112.697	ug/l	97
40) Benzene	8.344	78	1071461	105.825	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	96032	127.327	ug/l	98
42) 1,2-Dichloroethane	8.414	62	318725	104.927	ug/l	100
43) Isopropyl Acetate	8.444	43	293848	114.841	ug/l	99
44) Trichloroethene	9.102	130	305179	105.479	ug/l	96
45) 1,2-Dichloropropane	9.379	63	271163	106.514	ug/l	95
46) Dibromomethane	9.467	93	151985	105.358	ug/l	99
47) Bromodichloromethane	9.655	83	410360	108.723	ug/l	97
48) Methyl methacrylate	9.450	41	151805m	117.890	ug/l	
49) 1,4-Dioxane	9.455	88	34476	2110.272	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	781907	597.662	ug/l	99
52) Toluene	10.397	92	726714	110.099	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	382118	111.278	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	428415	106.490	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	218358	106.671	ug/l	98
56) Ethyl methacrylate	10.655	69	269556	119.518	ug/l	98
57) 1,3-Dichloropropane	10.938	76	367801	109.638	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	517716	573.128	ug/l	100
59) 2-Hexanone	10.973	43	536813	595.967	ug/l	99
60) Dibromochloromethane	11.132	129	293005	109.398	ug/l	96
61) 1,2-Dibromoethane	11.238	107	208557	106.891	ug/l	96
64) Tetrachloroethene	10.867	164	253019	105.064	ug/l	97
65) Chlorobenzene	11.661	112	786842	108.256	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	308956	109.096	ug/l	98
67) Ethyl Benzene	11.738	91	1425061	115.156	ug/l	96
68) m/p-Xylenes	11.844	106	1091932	224.997	ug/l	98
69) o-Xylene	12.173	106	523857	115.772	ug/l	100
70) Styrene	12.185	104	912127	117.448	ug/l	100
71) Bromoform	12.349	173	175386	113.998	ug/l #	100
73) Isopropylbenzene	12.467	105	1455411	118.346	ug/l	99
74) N-amyl acetate	12.279	43	301099	120.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	253767	109.431	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	179588m	111.613	ug/l	
77) Bromobenzene	12.749	156	326946	109.180	ug/l	100
78) n-propylbenzene	12.808	91	1765223	117.407	ug/l	99
79) 2-Chlorotoluene	12.896	91	997577	112.950	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1225629	116.764	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	84259	118.545	ug/l	94
82) 4-Chlorotoluene	12.991	91	1046282	110.994	ug/l	99
83) tert-Butylbenzene	13.208	119	1107765	121.063	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1203496	116.156	ug/l	99
85) sec-Butylbenzene	13.385	105	1599117	118.397	ug/l	99
86) p-Isopropyltoluene	13.502	119	1353871	121.318	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	661644	107.245	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	652128	106.390	ug/l	99
89) n-Butylbenzene	13.826	91	1256173	119.384	ug/l	98
90) Hexachloroethane	14.096	117	263300	110.209	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	584024	109.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	39730	110.281	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	369062	118.526	ug/l	99
94) Hexachlorobutadiene	15.249	225	203826	115.531	ug/l	98
95) Naphthalene	15.379	128	704693	129.997	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	318779	117.874	ug/l	98

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

