

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047770.D
 Acq On : 31 Mar 2022 12:36
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 31 13:08:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 12:44:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	317096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	495358	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	464564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	298255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	346143	102.283	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.560%#			
35) Dibromofluoromethane	5.292	113	329663	98.572	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.140%#			
50) Toluene-d8	7.899	98	1199890	100.301	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 200.600%#			
62) 4-Bromofluorobenzene	10.632	95	460388	101.317	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 202.640%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	373341	106.973	ug/l	99
3) Chloromethane	1.523	50	395638	99.151	ug/l	98
4) Vinyl Chloride	1.607	62	389103	105.837	ug/l	99
5) Bromomethane	1.861	94	261780	109.448	ug/l	97
6) Chloroethane	1.938	64	246616	100.077	ug/l	97
7) Trichlorofluoromethane	2.137	101	535227	104.145	ug/l	98
8) Diethyl Ether	2.378	74	187889	92.049	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	314277	100.578	ug/l	98
10) Methyl Iodide	2.726	142	359955	132.487	ug/l	100
11) Tert butyl alcohol	3.349	59	522938m	568.276	ug/l	
12) 1,1-Dichloroethene	2.581	96	307647	100.882	ug/l	99
13) Acrolein	2.494	56	239042	487.181	ug/l	99
14) Allyl chloride	2.925	41	466889	110.401	ug/l	98
15) Acrylonitrile	3.327	53	1226591	546.409	ug/l	100
16) Acetone	2.652	43	1158176	453.705	ug/l	100
17) Carbon Disulfide	2.796	76	912745	101.799	ug/l	100
18) Methyl Acetate	2.954	43	489380	106.297	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	1023980	109.023	ug/l	99
20) Methylene Chloride	3.050	84	355919	93.691	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	340296	102.869	ug/l	97
22) Diisopropyl ether	3.996	45	930401	111.043	ug/l #	82
23) Vinyl Acetate	3.960	43	4396961	592.947	ug/l	100
24) 1,1-Dichloroethane	3.874	63	588100	104.682	ug/l	99
25) 2-Butanone	4.716	43	1698596	557.698	ug/l	99
26) 2,2-Dichloropropane	4.668	77	525248	106.245	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	393868	105.776	ug/l	99
28) Bromochloromethane	4.976	49	231170	120.162	ug/l	99
29) Tetrahydrofuran	5.060	42	1047750	553.054	ug/l	100
30) Chloroform	5.092	83	621228	101.419	ug/l	98
31) Cyclohexane	5.391	56	490211	94.438	ug/l	98
32) 1,1,1-Trichloroethane	5.320	97	544129	103.949	ug/l	99
36) 1,1-Dichloropropene	5.529	75	441385	92.728	ug/l	99
37) Ethyl Acetate	4.806	43	605986	93.883	ug/l #	92
38) Carbon Tetrachloride	5.526	117	466293	91.238	ug/l	100
39) Methylcyclohexane	6.764	83	580795	102.488	ug/l	99
40) Benzene	5.777	78	1299902	90.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	292551	103.244	ug/l	97
42) 1,2-Dichloroethane	5.796	62	460401	92.655	ug/l	100
43) Isopropyl Acetate	5.912	43	830467	107.835	ug/l	99
44) Trichloroethene	6.542	130	397090	97.108	ug/l	97
45) 1,2-Dichloropropane	6.793	63	353567	100.694	ug/l	99
46) Dibromomethane	6.918	93	274105	97.884	ug/l	99
47) Bromodichloromethane	7.108	83	506107	98.434	ug/l	100
48) Methyl methacrylate	6.963	41	393088	112.990	ug/l	98
49) 1,4-Dioxane	7.037	88	210711	1868.055	ug/l #	1
51) 4-Methyl-2-Pentanone	7.796	43	3092655	548.617	ug/l	99
52) Toluene	7.970	92	896652	100.700	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	597121	108.389	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	618516	109.023	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	380289	99.978	ug/l	99
56) Ethyl methacrylate	8.336	69	623010	122.980	ug/l	100
57) 1,3-Dichloropropane	8.578	76	627184	101.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	272839	952.723	ug/l	99
59) 2-Hexanone	8.690	43	2550964	553.383	ug/l	100
60) Dibromochloromethane	8.812	129	453727	106.128	ug/l	100
61) 1,2-Dibromoethane	8.925	107	439602	102.594	ug/l	100
64) Tetrachloroethene	8.555	164	346241	99.225	ug/l	99
65) Chlorobenzene	9.449	112	977672	97.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	365863	100.332	ug/l	99
67) Ethyl Benzene	9.571	91	1675244	104.607	ug/l	100
68) m/p-Xylenes	9.693	106	1346479	216.194	ug/l	100
69) o-Xylene	10.102	106	663834	113.264	ug/l	98
70) Styrene	10.114	104	1130415	117.848	ug/l	100
71) Bromoform	10.295	173	400676	110.981	ug/l #	100
73) Isopropylbenzene	10.484	105	1709115	98.578	ug/l	100
74) N-amyl acetate	10.320	43	720917	108.144	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	694206	93.691	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	819814	97.792	ug/l	99
77) Bromobenzene	10.783	156	488610	97.140	ug/l	99
78) n-propylbenzene	10.905	91	2074949	100.860	ug/l	100
79) 2-Chlorotoluene	10.986	91	1216317	96.834	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	1489610	103.624	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	250231	113.595	ug/l	96
82) 4-Chlorotoluene	11.095	91	1441487	99.847	ug/l	100
83) tert-Butylbenzene	11.420	119	1593870	108.951	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	1550805	109.606	ug/l	100
85) sec-Butylbenzene	11.645	105	1969045	111.171	ug/l	100
86) p-Isopropyltoluene	11.793	119	1702344	112.481	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	980753	97.473	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	978966	93.758	ug/l	99
89) n-Butylbenzene	12.208	91	1560328	109.286	ug/l	99
90) Hexachloroethane	12.478	117	332133	106.296	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	959836	98.061	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.995	75	188435	104.207	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	711868	105.235	ug/l	100
94) Hexachlorobutadiene	14.021	225	338567	97.136	ug/l	100
95) Naphthalene	14.085	128	2210857	111.699	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	689317	104.254	ug/l	99

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

