

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029073.D
 Acq On : 31 May 2022 13:41
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 31 14:32:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 31 14:31:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	304279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	479732	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	463885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	321229	79.248	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 158.500%#			
35) Dibromofluoromethane	5.391	113	302049	95.669	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 191.340%#			
50) Toluene-d8	8.653	98	1120184	94.998	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 190.000%#			
62) 4-Bromofluorobenzene	11.085	95	454379	102.944	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 205.880%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	246423	64.944	ug/l	100
3) Chloromethane	1.288	50	238267	65.695	ug/l	99
4) Vinyl Chloride	1.374	62	278993	71.157	ug/l	99
5) Bromomethane	1.593	94	126237	43.346	ug/l	100
6) Chloroethane	1.666	64	177271	64.089	ug/l	98
7) Trichlorofluoromethane	1.880	101	424539	68.453	ug/l	98
8) Diethyl Ether	2.136	74	165263	72.372	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	249703	75.259	ug/l	96
10) Methyl Iodide	2.447	142	346975	87.790	ug/l	99
11) Tert butyl alcohol	2.983	59	373024	396.620	ug/l	98
12) 1,1-Dichloroethene	2.313	96	246218	79.355	ug/l	93
13) Acrolein	2.233	56	173457	270.913	ug/l	98
14) Allyl chloride	2.660	41	375986	76.240	ug/l	97
15) Acrylonitrile	3.069	53	758855	385.987	ug/l	100
16) Acetone	2.386	43	598379	343.942	ug/l	99
17) Carbon Disulfide	2.508	76	662246	82.216	ug/l	99
18) Methyl Acetate	2.703	43	315649	72.407	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	862021	78.707	ug/l	99
20) Methylene Chloride	2.788	84	280688	75.939	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	280300	80.501	ug/l	91
22) Diisopropyl ether	3.764	45	760568	72.777	ug/l	96
23) Vinyl Acetate	3.721	43	3284104	366.460	ug/l	99
24) 1,1-Dichloroethane	3.611	63	461839	75.495	ug/l	99
25) 2-Butanone	4.562	43	1011342	370.638	ug/l	98
26) 2,2-Dichloropropane	4.477	77	383948	79.752	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	329767	80.672	ug/l	92
28) Bromochloromethane	4.898	49	187254	72.045	ug/l	84
29) Tetrahydrofuran	5.007	42	654349	368.637	ug/l	99
30) Chloroform	5.099	83	515133	77.459	ug/l	99
31) Cyclohexane	5.471	56	414926	74.506	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	467783	80.273	ug/l	97
36) 1,1-Dichloropropene	5.696	75	375376	81.307	ug/l	97
37) Ethyl Acetate	4.715	43	383670	80.282	ug/l	98
38) Carbon Tetrachloride	5.684	117	432187	91.379	ug/l	98
39) Methylcyclohexane	7.385	83	477338	89.263	ug/l	95
40) Benzene	6.038	78	1124227	84.098	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	207449	80.005	ug/l	98
42) 1,2-Dichloroethane	6.092	62	371676	76.274	ug/l	98
43) Isopropyl Acetate	6.342	43	592126	79.125	ug/l	98
44) Trichloroethene	7.129	130	337766	92.039	ug/l	99
45) 1,2-Dichloropropane	7.434	63	275425	82.902	ug/l	98
46) Dibromomethane	7.586	93	211550	84.881	ug/l	97
47) Bromodichloromethane	7.824	83	420643	90.355	ug/l	99
48) Methyl methacrylate	7.696	41	291754	80.678	ug/l	97
49) 1,4-Dioxane	7.665	88	184063	1965.297	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	1984590	402.337	ug/l	99
52) Toluene	8.720	92	759895	88.172	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	457060	97.064	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	485470	93.017	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	315977	89.537	ug/l	99
56) Ethyl methacrylate	9.122	69	485005	91.691	ug/l	99
57) 1,3-Dichloropropane	9.311	76	500560	84.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1181530	451.978	ug/l	93
59) 2-Hexanone	9.433	43	1604352	419.461	ug/l	100
60) Dibromochloromethane	9.525	129	367850	104.713	ug/l	97
61) 1,2-Dibromoethane	9.610	107	344142	92.643	ug/l	98
64) Tetrachloroethene	9.275	164	307376	87.916	ug/l	97
65) Chlorobenzene	10.079	112	855173	87.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	334370	95.124	ug/l	99
67) Ethyl Benzene	10.195	91	1471431	84.547	ug/l	95
68) m/p-Xylenes	10.305	106	1201884	176.529	ug/l	94
69) o-Xylene	10.646	106	598865	88.929	ug/l	95
70) Styrene	10.659	104	1022307	93.752	ug/l	98
71) Bromoform	10.805	173	307939	117.088	ug/l #	98
73) Isopropylbenzene	10.963	105	1515086	78.451	ug/l	99
74) N-amyl acetate	10.848	43	552292	75.067	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	506814	76.348	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	464909m	78.283	ug/l	
77) Bromobenzene	11.201	156	409907	88.563	ug/l	92
78) n-propylbenzene	11.305	91	1737921	78.336	ug/l	96
79) 2-Chlorotoluene	11.366	91	1071832	78.451	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1340334	83.199	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	175998	95.728	ug/l	96
82) 4-Chlorotoluene	11.457	91	1249480	79.319	ug/l	96
83) tert-Butylbenzene	11.719	119	1372228	87.189	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1343084	83.151	ug/l	97
85) sec-Butylbenzene	11.890	105	1643994	85.258	ug/l	97
86) p-Isopropyltoluene	12.012	119	1450016	89.357	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	782660	86.485	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	784430	83.679	ug/l	99
89) n-Butylbenzene	12.335	91	1193447	85.986	ug/l	98
90) Hexachloroethane	12.542	117	265232	99.378	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	763498	85.713	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	118811	83.491	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	487938	94.196	ug/l	99
94) Hexachlorobutadiene	13.725	225	202133	94.917	ug/l	95
95) Naphthalene	13.780	128	1649987	90.526	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	486393	93.163	ug/l	96

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

