

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030938.D
 Acq On : 30 Aug 2022 13:54
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 30 14:18:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:20:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	193783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	273572	96.893	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 193.780%#			
35) Dibromofluoromethane	5.391	113	247695	100.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 201.500%#			
50) Toluene-d8	8.652	98	925874	104.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 208.400%#			
62) 4-Bromofluorobenzene	11.085	95	339355	104.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 209.100%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	199248	97.645	ug/l	100
3) Chloromethane	1.288	50	178863	86.218	ug/l	96
4) Vinyl Chloride	1.373	62	229357	92.255	ug/l	98
5) Bromomethane	1.599	94	72010	94.998	ug/l	96
6) Chloroethane	1.672	64	129424	86.615	ug/l	97
7) Trichlorofluoromethane	1.879	101	341161	91.857	ug/l	95
8) Diethyl Ether	2.135	74	133778	92.135	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.324	101	220995	93.278	ug/l	97
10) Methyl Iodide	2.446	142	235403	99.773	ug/l	95
11) Tert butyl alcohol	2.989	59	303516	485.108	ug/l	99
12) 1,1-Dichloroethene	2.312	96	222028	93.682	ug/l	97
13) Acrolein	2.239	56	171585	513.832	ug/l	99
14) Allyl chloride	2.660	41	361217	93.223	ug/l	96
15) Acrylonitrile	3.068	53	693686	480.117	ug/l	98
16) Acetone	2.385	43	554835	448.923	ug/l	99
17) Carbon Disulfide	2.507	76	587872	94.592	ug/l	97
18) Methyl Acetate	2.708	43	332497	89.624	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	753101	98.374	ug/l	94
20) Methylene Chloride	2.788	84	250404	88.623	ug/l	96
21) trans-1,2-Dichloroethene	3.092	96	239784	94.213	ug/l	98
22) Diisopropyl ether	3.769	45	730861	91.643	ug/l #	83
23) Vinyl Acetate	3.727	43	3056088	480.872	ug/l	96
24) 1,1-Dichloroethane	3.611	63	435429	93.629	ug/l	98
25) 2-Butanone	4.568	43	945123	469.707	ug/l	96
26) 2,2-Dichloropropane	4.476	77	330389	96.418	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	282273	96.833	ug/l	99
28) Bromochloromethane	4.903	49	137225	89.495	ug/l	89
29) Tetrahydrofuran	5.013	42	618762	468.346	ug/l	95
30) Chloroform	5.098	83	451452	93.901	ug/l	99
31) Cyclohexane	5.470	56	385118	93.696	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	389729	96.290	ug/l	97
36) 1,1-Dichloropropene	5.696	75	336808	94.412	ug/l	98
37) Ethyl Acetate	4.720	43	362240	94.671	ug/l	99
38) Carbon Tetrachloride	5.677	117	338765	99.461	ug/l	96
39) Methylcyclohexane	7.384	83	426323	97.877	ug/l	99
40) Benzene	6.043	78	993696	95.870	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	198024	95.288	ug/l	96
42) 1,2-Dichloroethane	6.092	62	327492	94.016	ug/l	99
43) Isopropyl Acetate	6.348	43	562816	95.240	ug/l	97
44) Trichloroethene	7.128	130	282548	93.487	ug/l	92
45) 1,2-Dichloropropane	7.433	63	262337	95.056	ug/l	100
46) Dibromomethane	7.586	93	185263	98.725	ug/l	97
47) Bromodichloromethane	7.829	83	351261	97.297	ug/l	97
48) Methyl methacrylate	7.695	41	273970	95.313	ug/l	91
49) 1,4-Dioxane	7.671	88	148993	2036.036	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	1809051	471.907	ug/l	94
52) Toluene	8.720	92	624920	98.197	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	387625	105.513	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	420521	101.538	ug/l	91
55) 1,1,2-Trichloroethane	9.158	97	264999	96.914	ug/l	98
56) Ethyl methacrylate	9.122	69	420940	104.958	ug/l	90
57) 1,3-Dichloropropane	9.311	76	431895	95.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	1038384	1597.588	ug/l	100
59) 2-Hexanone	9.439	43	1421029	494.780	ug/l	93
60) Dibromochloromethane	9.524	129	281474	102.518	ug/l	99
61) 1,2-Dibromoethane	9.616	107	283819	100.436	ug/l	99
64) Tetrachloroethene	9.274	164	270479	93.460	ug/l	98
65) Chlorobenzene	10.085	112	680420	95.238	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	253214	98.780	ug/l	99
67) Ethyl Benzene	10.195	91	1236599	96.183	ug/l	99
68) m/p-Xylenes	10.305	106	962755	200.010	ug/l	99
69) o-Xylene	10.646	106	471204	99.612	ug/l	96
70) Styrene	10.658	104	795555	99.490	ug/l	99
71) Bromoform	10.805	173	213846	107.465	ug/l	99
73) Isopropylbenzene	10.963	105	1227248	96.628	ug/l	100
74) N-amyl acetate	10.847	43	498324	100.841	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	402828	94.552	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	373931m	92.137	ug/l	
77) Bromobenzene	11.201	156	297590	96.733	ug/l	95
78) n-propylbenzene	11.304	91	1453477	99.022	ug/l	99
79) 2-Chlorotoluene	11.365	91	858060	93.500	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	1065109	99.843	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	140703	107.352	ug/l	93
82) 4-Chlorotoluene	11.457	91	989670	95.759	ug/l	100
83) tert-Butylbenzene	11.719	119	1003142	96.126	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1067757	98.329	ug/l	99
85) sec-Butylbenzene	11.896	105	1344533	99.578	ug/l	99
86) p-Isopropyltoluene	12.012	119	1123194	98.259	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	576260	95.414	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	586119	95.197	ug/l	99
89) n-Butylbenzene	12.335	91	1034111	96.921	ug/l	98
90) Hexachloroethane	12.542	117	196698	98.892	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	583041	95.499	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	99326	91.956	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	377904	97.576	ug/l	99
94) Hexachlorobutadiene	13.725	225	157922	95.353	ug/l	98
95) Naphthalene	13.780	128	1364355	97.776	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	384108	96.985	ug/l	99

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

