

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030767.D
 Acq On : 25 Aug 2022 11:58
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 26 01:47:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 01:44:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	261862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	439639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	281782	91.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 182.800%#			
35) Dibromofluoromethane	5.391	113	254443	92.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 185.440%#			
50) Toluene-d8	8.653	98	871220	85.949	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 171.900%#			
62) 4-Bromofluorobenzene	11.085	95	336669	94.170	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 188.340%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	232178	88.866	ug/l	97
3) Chloromethane	1.288	50	195620	77.213	ug/l	99
4) Vinyl Chloride	1.374	62	236367	82.665	ug/l	99
5) Bromomethane	1.605	94	109648	87.654	ug/l	100
6) Chloroethane	1.679	64	136486	83.986	ug/l	95
7) Trichlorofluoromethane	1.880	101	367429	96.901	ug/l	97
8) Diethyl Ether	2.136	74	144426	92.689	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	233650	90.413	ug/l	96
10) Methyl Iodide	2.453	142	226022	111.314	ug/l	94
11) Tert butyl alcohol	3.020	59	292398	375.873	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	219331	86.730	ug/l	98
13) Acrolein	2.239	56	304787	1247.960	ug/l	99
14) Allyl chloride	2.666	41	410419	91.644	ug/l	98
15) Acrylonitrile	3.069	53	774628	432.527	ug/l	98
16) Acetone	2.392	43	617402	421.865	ug/l	98
17) Carbon Disulfide	2.508	76	467024	76.547	ug/l	98
18) Methyl Acetate	2.709	43	411401	92.003	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	814202	99.169	ug/l	95
20) Methylene Chloride	2.788	84	259597	77.703	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	235066	88.842	ug/l	98
22) Diisopropyl ether	3.770	45	851960	96.060	ug/l #	86
23) Vinyl Acetate	3.727	43	3506303	474.058	ug/l	100
24) 1,1-Dichloroethane	3.611	63	468882	95.393	ug/l	99
25) 2-Butanone	4.568	43	1051536	427.418	ug/l	99
26) 2,2-Dichloropropane	4.483	77	358189	102.360	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	294836	90.268	ug/l	98
28) Bromochloromethane	4.904	49	191795	92.223	ug/l	96
29) Tetrahydrofuran	5.013	42	693373	418.462	ug/l	100
30) Chloroform	5.099	83	488340	99.090	ug/l	98
31) Cyclohexane	5.477	56	370953	85.324	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	417196	103.237	ug/l	98
36) 1,1-Dichloropropene	5.696	75	332914	94.010	ug/l	98
37) Ethyl Acetate	4.727	43	406311	90.221	ug/l	99
38) Carbon Tetrachloride	5.684	117	360947	106.972	ug/l	96
39) Methylcyclohexane	7.385	83	399954	90.529	ug/l	99
40) Benzene	6.044	78	1016220	92.058	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	230413	94.406	ug/l	99
42) 1,2-Dichloroethane	6.092	62	360908	102.771	ug/l	99
43) Isopropyl Acetate	6.348	43	643900	94.638	ug/l	99
44) Trichloroethene	7.129	130	288518	88.699	ug/l	95
45) 1,2-Dichloropropane	7.434	63	282656	96.824	ug/l	100
46) Dibromomethane	7.586	93	194501	96.864	ug/l	98
47) Bromodichloromethane	7.824	83	392529	105.943	ug/l	97
48) Methyl methacrylate	7.696	41	315941	100.040	ug/l	97
49) 1,4-Dioxane	7.684	88	141176	1738.500	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	2069173	458.364	ug/l	98
52) Toluene	8.720	92	643123	91.334	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	410419	108.257	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	448113	103.356	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	290475	98.655	ug/l	98
56) Ethyl methacrylate	9.122	69	452653	103.135	ug/l	97
57) 1,3-Dichloropropane	9.311	76	461282	98.811	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	1190915	500.043	ug/l	100
59) 2-Hexanone	9.433	43	1554348	450.813	ug/l	98
60) Dibromochloromethane	9.525	129	313516	107.880	ug/l	100
61) 1,2-Dibromoethane	9.616	107	297814	97.603	ug/l	99
64) Tetrachloroethene	9.275	164	280336	90.566	ug/l	98
65) Chlorobenzene	10.086	112	705076	92.022	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	277803	104.135	ug/l	98
67) Ethyl Benzene	10.195	91	1261748	97.109	ug/l	99
68) m/p-Xylenes	10.305	106	963104	189.328	ug/l	98
69) o-Xylene	10.646	106	483658	95.011	ug/l	97
70) Styrene	10.659	104	820054	96.431	ug/l	98
71) Bromoform	10.805	173	236167	109.586	ug/l	98
73) Isopropylbenzene	10.963	105	1263947	95.275	ug/l	100
74) N-amyl acetate	10.848	43	540068	94.263	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	419036	87.741	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	394901m	88.135	ug/l	
77) Bromobenzene	11.201	156	310336	93.495	ug/l	97
78) n-propylbenzene	11.305	91	1484563	94.630	ug/l	100
79) 2-Chlorotoluene	11.366	91	885239	93.888	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1069466	95.497	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	143948	96.504	ug/l	97
82) 4-Chlorotoluene	11.457	91	1013467	95.613	ug/l	100
83) tert-Butylbenzene	11.719	119	1052013	97.231	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1073604	97.067	ug/l	99
85) sec-Butylbenzene	11.890	105	1380570	96.956	ug/l	100
86) p-Isopropyltoluene	12.012	119	1145950	100.206	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	590208	94.928	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	588099	92.335	ug/l	99
89) n-Butylbenzene	12.335	91	1060281	102.682	ug/l	99
90) Hexachloroethane	12.542	117	210702	105.679	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	580235	91.442	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	106151	95.698	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	391103	99.657	ug/l	99
94) Hexachlorobutadiene	13.725	225	157229	99.487	ug/l	98
95) Naphthalene	13.780	128	1425656	92.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	402364	99.993	ug/l	98

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

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