

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026418.D
 Acq On : 11 Jan 2022 13:34
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 11 14:15:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 13:56:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	110201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153889	96.525	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 193.060%#			
35) Dibromofluoromethane	5.391	113	117856	100.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 201.960%#			
50) Toluene-d8	8.653	98	420806	96.935	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 193.880%#			
62) 4-Bromofluorobenzene	11.085	95	152078	98.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 196.820%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	126440	109.245	ug/l	97
3) Chloromethane	1.295	50	111356	82.655	ug/l	99
4) Vinyl Chloride	1.380	62	123413	87.041	ug/l	99
5) Bromomethane	1.618	94	53732	61.406	ug/l	99
6) Chloroethane	1.691	64	53498	53.658	ug/l	99
7) Trichlorofluoromethane	1.892	101	195681	80.118	ug/l	97
8) Diethyl Ether	2.136	74	69827	83.221	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	119230	92.599	ug/l	98
10) Methyl Iodide	2.459	142	130339	78.276	ug/l	99
11) Tert butyl alcohol	3.056	59	103202m	324.096	ug/l	
12) 1,1-Dichloroethene	2.325	96	114183	93.570	ug/l	95
13) Acrolein	2.239	56	127117	1116.383	ug/l	98
14) Allyl chloride	2.666	41	218547	90.625	ug/l	97
15) Acrylonitrile	3.069	53	315930	400.726	ug/l	100
16) Acetone	2.392	43	364016	421.409	ug/l	98
17) Carbon Disulfide	2.514	76	326894	93.339	ug/l	100
18) Methyl Acetate	2.709	43	149273	53.276	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	414002	97.130	ug/l	99
20) Methylene Chloride	2.794	84	121414	79.851	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	124292	93.366	ug/l	95
22) Diisopropyl ether	3.764	45	424410	92.207	ug/l	95
23) Vinyl Acetate	3.727	43	1820945	498.222	ug/l	98
24) 1,1-Dichloroethane	3.617	63	232973	93.398	ug/l	99
25) 2-Butanone	4.562	43	500914	416.291	ug/l	97
26) 2,2-Dichloropropane	4.477	77	185834	98.880	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	143025	94.437	ug/l	94
28) Bromochloromethane	4.904	49	99411	89.917	ug/l	94
29) Tetrahydrofuran	5.013	42	294505	388.312	ug/l	96
30) Chloroform	5.099	83	237941	90.187	ug/l	98
31) Cyclohexane	5.477	56	220994	97.336	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	219776	95.821	ug/l	99
36) 1,1-Dichloropropene	5.696	75	181453	96.396	ug/l	98
37) Ethyl Acetate	4.715	43	185818	85.135	ug/l	99
38) Carbon Tetrachloride	5.684	117	195085	93.169	ug/l	99
39) Methylcyclohexane	7.385	83	225102	106.012	ug/l	94
40) Benzene	6.044	78	502233	93.485	ug/l	100

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41) Methacrylonitrile	4.922	41	104271	84.599	ug/l	95
42) 1,2-Dichloroethane	6.092	62	195165	89.764	ug/l	99
43) Isopropyl Acetate	6.342	43	307414	86.420	ug/l	98
44) Trichloroethene	7.129	130	146637	101.437	ug/l	95
45) 1,2-Dichloropropane	7.434	63	128151	93.259	ug/l	97
46) Dibromomethane	7.586	93	89669	87.974	ug/l	99
47) Bromodichloromethane	7.824	83	184019	88.740	ug/l	96
48) Methyl methacrylate	7.696	41	149248	87.484	ug/l	92
49) 1,4-Dioxane	7.696	88	48560	1544.577	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	852039	384.899	ug/l	100
52) Toluene	8.720	92	308393	93.245	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	191719	97.841	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	210549	96.064	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	118089	86.875	ug/l	98
56) Ethyl methacrylate	9.122	69	192182	91.670	ug/l	95
57) 1,3-Dichloropropane	9.311	76	206645	88.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	498141	500.997	ug/l	98
59) 2-Hexanone	9.439	43	663849	395.898	ug/l	99
60) Dibromochloromethane	9.525	129	132574	86.095	ug/l	99
61) 1,2-Dibromoethane	9.610	107	127002	87.323	ug/l	100
64) Tetrachloroethene	9.275	164	143158	111.917	ug/l	98
65) Chlorobenzene	10.080	112	314435	94.430	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	120786	95.194	ug/l	99
67) Ethyl Benzene	10.195	91	583258	97.962	ug/l	97
68) m/p-Xylenes	10.305	106	438195	197.113	ug/l	95
69) o-Xylene	10.640	106	211632	97.296	ug/l	95
70) Styrene	10.659	104	353533	99.145	ug/l	97
71) Bromoform	10.805	173	88460	85.939	ug/l #	100
73) Isopropylbenzene	10.964	105	564272	102.573	ug/l	99
74) N-amyl acetate	10.848	43	238927	94.586	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	150713	80.555	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	149453m	87.487	ug/l	
77) Bromobenzene	11.201	156	128902	98.805	ug/l	94
78) n-propylbenzene	11.305	91	652456	103.154	ug/l	98
79) 2-Chlorotoluene	11.366	91	384934	98.867	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	467174	102.332	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.025	75	50616	85.719	ug/l	94
82) 4-Chlorotoluene	11.457	91	446251	101.487	ug/l	96
83) tert-Butylbenzene	11.720	119	447383	100.963	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	467480	102.481	ug/l	98
85) sec-Butylbenzene	11.890	105	579881	104.865	ug/l	99
86) p-Isopropyltoluene	12.012	119	492449	106.825	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	244771	99.945	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	247403	94.221	ug/l	99
89) n-Butylbenzene	12.335	91	433998	105.937	ug/l	99
90) Hexachloroethane	12.543	117	80433	87.358	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	232397	91.476	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40394	84.339	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	156944	104.541	ug/l	100
94) Hexachlorobutadiene	13.725	225	66013	105.903	ug/l	99
95) Naphthalene	13.780	128	528632	96.645	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154184	100.943	ug/l	99

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

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