

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036605.D
 Acq On : 21 Jul 2023 11:44
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 21 12:09:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 11:54:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	196622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139920	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	408250	143.910	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 287.820%#			
35) Dibromofluoromethane	5.391	113	335016	147.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 295.560%#			
50) Toluene-d8	8.653	98	1164929	138.887	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 277.780%#			
62) 4-Bromofluorobenzene	11.079	95	443871	146.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 292.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	351156	178.102	ug/l	98
3) Chloromethane	1.300	50	316594	103.317	ug/l	98
4) Vinyl Chloride	1.374	62	344282	103.045	ug/l	99
5) Bromomethane	1.617	94	207458	87.695	ug/l	100
6) Chloroethane	1.685	64	140861	59.403	ug/l	98
7) Trichlorofluoromethane	1.880	101	521439	102.203	ug/l	99
8) Diethyl Ether	2.136	74	199851	102.172	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	323529	144.268	ug/l	99
10) Methyl Iodide	2.453	142	349059	131.805	ug/l	92
11) Tert butyl alcohol	2.995	59	467721m	851.712	ug/l	
12) 1,1-Dichloroethene	2.319	96	314676	141.453	ug/l	89
13) Acrolein	2.239	56	285480	439.300	ug/l	98
14) Allyl chloride	2.666	41	592943	158.888	ug/l	93
15) Acrylonitrile	3.075	53	956780	725.768	ug/l	99
16) Acetone	2.392	43	799881	658.676	ug/l	91
17) Carbon Disulfide	2.514	76	844999	151.233	ug/l	98
18) Methyl Acetate	2.709	43	720931	144.356	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	1177002	159.422	ug/l	98
20) Methylene Chloride	2.788	84	358223	137.531	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	343113	142.954	ug/l	93
22) Diisopropyl ether	3.763	45	1119808	150.918	ug/l	86
23) Vinyl Acetate	3.727	43	4303503	790.847	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	664034	152.901	ug/l	98
25) 2-Butanone	4.568	43	1349542	760.455	ug/l	94
26) 2,2-Dichloropropane	4.477	77	606586	186.823	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	416490	153.666	ug/l	95
28) Bromochloromethane	4.903	49	305965	135.752	ug/l	93
29) Tetrahydrofuran	5.013	42	869531	765.854	ug/l	94
30) Chloroform	5.099	83	676888	154.398	ug/l	96
31) Cyclohexane	5.470	56	567200	153.374	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	617432	166.117	ug/l	98
36) 1,1-Dichloropropene	5.696	75	502412	148.276	ug/l	98
37) Ethyl Acetate	4.714	43	554921	157.390	ug/l	97
38) Carbon Tetrachloride	5.678	117	538690	170.126	ug/l	98
39) Methylcyclohexane	7.385	83	624380	153.554	ug/l	94
40) Benzene	6.037	78	1437971	150.961	ug/l	99

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41) Methacrylonitrile	4.928	41	302918	155.937	ug/l	94
42) 1,2-Dichloroethane	6.086	62	542225	150.640	ug/l	96
43) Isopropyl Acetate	6.342	43	952922	167.819	ug/l	96
44) Trichloroethene	7.129	130	385792	146.892	ug/l	99
45) 1,2-Dichloropropane	7.433	63	391031	151.522	ug/l	98
46) Dibromomethane	7.580	93	275786	151.552	ug/l	96
47) Bromodichloromethane	7.824	83	565905	169.164	ug/l	97
48) Methyl methacrylate	7.696	41	449421	160.281	ug/l	93
49) 1,4-Dioxane	7.714	88	173719	2845.541	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	2434377	681.062	ug/l	95
52) Toluene	8.720	92	903153	149.732	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	647802	187.188	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	669689	174.110	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	374364	149.607	ug/l	96
56) Ethyl methacrylate	9.116	69	614865	160.936	ug/l	95
57) 1,3-Dichloropropane	9.311	76	639057	148.716	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1473372	710.936	ug/l	98
59) 2-Hexanone	9.439	43	1820407	696.264	ug/l	94
60) Dibromochloromethane	9.525	129	426891	171.256	ug/l	100
61) 1,2-Dibromoethane	9.610	107	399980	150.699	ug/l	100
64) Tetrachloroethene	9.275	164	317953	145.690	ug/l	99
65) Chlorobenzene	10.079	112	956238	147.434	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	378842	169.614	ug/l	99
67) Ethyl Benzene	10.195	91	1720998	148.570	ug/l	98
68) m/p-Xylenes	10.305	106	1292612	288.805	ug/l	95
69) o-Xylene	10.640	106	642720	147.392	ug/l	97
70) Styrene	10.659	104	1063584	149.049	ug/l	99
71) Bromoform	10.799	173	298255	180.833	ug/l #	98
73) Isopropylbenzene	10.963	105	1643696	154.619	ug/l	97
74) N-amyl acetate	10.841	43	743774	172.033	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	532278	147.724	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	435851m	143.394	ug/l	
77) Bromobenzene	11.201	156	380857	146.232	ug/l	97
78) n-propylbenzene	11.305	91	1918071	154.207	ug/l	99
79) 2-Chlorotoluene	11.366	91	1141721	153.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1355585	150.436	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	210707	205.985	ug/l #	85
82) 4-Chlorotoluene	11.457	91	1300496	151.060	ug/l	98
83) tert-Butylbenzene	11.713	119	1367975	157.829	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1357502	151.998	ug/l	96
85) sec-Butylbenzene	11.890	105	1701204	155.007	ug/l	98
86) p-Isopropyltoluene	12.012	119	1409658	153.447	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	712712	148.883	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	713674	146.516	ug/l	99
89) n-Butylbenzene	12.335	91	1302435	159.080	ug/l	99
90) Hexachloroethane	12.536	117	295581	201.282	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	676168	143.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	138129	195.523	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	463145	159.891	ug/l	97
94) Hexachlorobutadiene	13.725	225	184496	155.085	ug/l	99
95) Naphthalene	13.774	128	1557775	162.289	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	460112	163.109	ug/l	99

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

