

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026807.D
 Acq On : 08 Feb 2022 02:15
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 08 05:16:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 05:11:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2022
 Supervised By : Mahesh Dadoda 02/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	103419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67090	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	184119	133.959	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 267.920%#			
35) Dibromofluoromethane	5.391	113	152117	147.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 295.500%#			
50) Toluene-d8	8.653	98	550466	147.243	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 294.480%#			
62) 4-Bromofluorobenzene	11.085	95	197110	149.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 298.160%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	170004	141.717	ug/l	100
3) Chloromethane	1.294	50	150895	136.714	ug/l	100
4) Vinyl Chloride	1.380	62	164092	142.340	ug/l	100
5) Bromomethane	1.618	94	69268	133.324	ug/l	100
6) Chloroethane	1.685	64	63362	105.715	ug/l	99
7) Trichlorofluoromethane	1.886	101	242550	134.893	ug/l	100
8) Diethyl Ether	2.136	74	87668	137.512	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	158617	143.212	ug/l	98
10) Methyl Iodide	2.453	142	222081	193.693	ug/l	95
11) Tert butyl alcohol	3.075	59	182208m	907.457	ug/l	
12) 1,1-Dichloroethene	2.319	96	158382	148.631	ug/l	93
13) Acrolein	2.239	56	172826	811.561	ug/l	99
14) Allyl chloride	2.666	41	285351	146.917	ug/l	95
15) Acrylonitrile	3.075	53	455367	736.937	ug/l	99
16) Acetone	2.392	43	375735	541.514	ug/l	96
17) Carbon Disulfide	2.514	76	445296	143.334	ug/l	100
18) Methyl Acetate	2.709	43	216325	147.821	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	549283	142.787	ug/l	99
20) Methylene Chloride	2.794	84	166929	138.884	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	169567	147.353	ug/l	98
22) Diisopropyl ether	3.770	45	539301	136.564	ug/l	91
23) Vinyl Acetate	3.727	43	2351129	721.689	ug/l	97
24) 1,1-Dichloroethane	3.617	63	306379	143.635	ug/l	99
25) 2-Butanone	4.568	43	626344	671.209	ug/l	98
26) 2,2-Dichloropropane	4.483	77	226034	145.324	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	193103	147.273	ug/l	96
28) Bromochloromethane	4.904	49	126879	145.031	ug/l	94
29) Tetrahydrofuran	5.013	42	425761	749.550	ug/l	99
30) Chloroform	5.105	83	305273	138.102	ug/l	99
31) Cyclohexane	5.477	56	290140	139.399	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	285346	146.878	ug/l	98
36) 1,1-Dichloropropene	5.702	75	238219	143.923	ug/l	98
37) Ethyl Acetate	4.721	43	255732	150.277	ug/l	98
38) Carbon Tetrachloride	5.684	117	253862	149.547	ug/l	97
39) Methylcyclohexane	7.385	83	296544	147.971	ug/l	97
40) Benzene	6.044	78	674358	146.126	ug/l	100

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41) Methacrylonitrile	4.928	41	141595	147.510	ug/l	97
42) 1,2-Dichloroethane	6.092	62	239126	134.431	ug/l	98
43) Isopropyl Acetate	6.348	43	411853	150.647	ug/l	97
44) Trichloroethene	7.129	130	208303	157.815	ug/l	95
45) 1,2-Dichloropropane	7.434	63	169112	146.921	ug/l	99
46) Dibromomethane	7.586	93	119951	148.082	ug/l	96
47) Bromodichloromethane	7.824	83	234709	144.651	ug/l	100
48) Methyl methacrylate	7.696	41	197669	145.926	ug/l	96
49) 1,4-Dioxane	7.696	88	71902	3219.522	ug/l	95
51) 4-Methyl-2-Pentanone	8.586	43	1153415	710.755	ug/l	97
52) Toluene	8.720	92	412347	145.498	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	247833	162.281	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	275219	157.206	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	157483	142.443	ug/l	99
56) Ethyl methacrylate	9.122	69	259283	153.047	ug/l	95
57) 1,3-Dichloropropane	9.311	76	270218	141.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	649907	723.856	ug/l	97
59) 2-Hexanone	9.439	43	872646	709.499	ug/l	96
60) Dibromochloromethane	9.525	129	176960	154.288	ug/l	99
61) 1,2-Dibromoethane	9.616	107	171110	148.306	ug/l	100
64) Tetrachloroethene	9.275	164	209585	156.827	ug/l	95
65) Chlorobenzene	10.079	112	422829	144.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	162420	150.135	ug/l	99
67) Ethyl Benzene	10.195	91	768705	145.722	ug/l	99
68) m/p-Xylenes	10.305	106	588518	297.378	ug/l	95
69) o-Xylene	10.646	106	284076	148.426	ug/l	97
70) Styrene	10.659	104	479469	153.967	ug/l	98
71) Bromoform	10.805	173	125870	170.479	ug/l #	100
73) Isopropylbenzene	10.963	105	741516	136.519	ug/l	98
74) N-amyl acetate	10.848	43	318900	152.616	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.220	83	201632	139.289	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	200991m	137.923	ug/l	
77) Bromobenzene	11.201	156	178480	143.095	ug/l	95
78) n-propylbenzene	11.305	91	854247	138.652	ug/l	98
79) 2-Chlorotoluene	11.366	91	509543	136.299	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	614083	137.458	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	72730	174.787	ug/l	87
82) 4-Chlorotoluene	11.457	91	578018	134.723	ug/l	97
83) tert-Butylbenzene	11.719	119	584112	140.229	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	622063	139.630	ug/l	97
85) sec-Butylbenzene	11.890	105	769554	143.134	ug/l	98
86) p-Isopropyltoluene	12.012	119	657299	145.401	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	336816	144.204	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	340790	144.646	ug/l	98
89) n-Butylbenzene	12.335	91	560134	145.604	ug/l	98
90) Hexachloroethane	12.542	117	108423	162.682	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	323017	146.302	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58722	166.558	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	225388	159.600	ug/l	99
94) Hexachlorobutadiene	13.725	225	92850	155.259	ug/l	99
95) Naphthalene	13.780	128	780378	163.903	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	222318	159.085	ug/l	99

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

