

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027386.D
 Acq On : 10 Mar 2022 19:02
 Operator : JC/MD
 Sample : N1889-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-01MS

Quant Time: Mar 11 00:48:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/11/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	326670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	510102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	460323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174936	45.921	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.840%		
35) Dibromofluoromethane	5.391	113	165823	50.379	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.760%		
50) Toluene-d8	8.653	98	604736	48.666	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.340%		
62) 4-Bromofluorobenzene	11.085	95	222473	46.974	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	161948	48.364	ug/l	99
3) Chloromethane	1.294	50	156676	44.496	ug/l	100
4) Vinyl Chloride	1.374	62	164937	45.576	ug/l	99
5) Bromomethane	1.599	94	75195	51.532	ug/l	97
6) Chloroethane	1.678	64	96983	46.002	ug/l	98
7) Trichlorofluoromethane	1.886	101	234207	46.473	ug/l	99
8) Diethyl Ether	2.136	74	91291	46.489	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	154322	46.838	ug/l	94
10) Methyl Iodide	2.453	142	236111	50.769	ug/l	99
11) Tert butyl alcohol	2.971	59	159603	213.713	ug/l	99
12) 1,1-Dichloroethene	2.319	96	153943	48.601	ug/l	91
13) Acrolein	2.239	56	125394	239.537	ug/l	98
14) Allyl chloride	2.660	41	226511	45.591	ug/l	95
15) Acrylonitrile	3.068	53	462633	235.387	ug/l	99
16) Acetone	2.380	43	345709	233.971	ug/l	98
17) Carbon Disulfide	2.508	76	375301	43.611	ug/l	100
18) Methyl Acetate	2.703	43	184614	44.085	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	507428	48.352	ug/l	99
20) Methylene Chloride	2.788	84	178778	48.038	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	169044	48.015	ug/l	94
22) Diisopropyl ether	3.763	45	472753	47.598	ug/l	91
23) Vinyl Acetate	3.727	43	1962869	236.235	ug/l	98
24) 1,1-Dichloroethane	3.611	63	289387	47.984	ug/l	99
25) 2-Butanone	4.562	43	586610	223.552	ug/l	98
26) 2,2-Dichloropropane	4.477	77	200293	46.320	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	200559	49.101	ug/l	91
28) Bromochloromethane	4.897	49	107143	42.698	ug/l	88
29) Tetrahydrofuran	5.007	42	395438	227.754	ug/l	97
30) Chloroform	5.099	83	316188	49.673	ug/l	99
31) Cyclohexane	5.477	56	238588	44.775	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	264263	48.574	ug/l	98
36) 1,1-Dichloropropene	5.696	75	219260	47.980	ug/l	97
37) Ethyl Acetate	4.715	43	223325	46.360	ug/l	99
38) Carbon Tetrachloride	5.678	117	236292	50.004	ug/l	97
39) Methylcyclohexane	7.385	83	259219	44.919	ug/l	99
40) Benzene	6.044	78	690966	49.642	ug/l	99

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41) Methacrylonitrile	4.928	41	125002	48.129	ug/l	98
42) 1,2-Dichloroethane	6.092	62	223422	49.138	ug/l	99
43) Isopropyl Acetate	6.342	43	342298	47.138	ug/l	100
44) Trichloroethene	7.129	130	195329	51.094	ug/l	97
45) 1,2-Dichloropropane	7.434	63	174404	50.007	ug/l	99
46) Dibromomethane	7.586	93	126519	50.989	ug/l	95
47) Bromodichloromethane	7.824	83	236097	51.523	ug/l	99
48) Methyl methacrylate	7.696	41	174645	48.364	ug/l	95
49) 1,4-Dioxane	7.659	88	84464	893.226	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1173769	241.432	ug/l	99
52) Toluene	8.720	92	449073	50.610	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	243074	51.700	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	270189	51.195	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	190144	51.348	ug/l	99
56) Ethyl methacrylate	9.116	69	279608	51.191	ug/l	99
57) 1,3-Dichloropropane	9.311	76	300655	50.294	ug/l	99
59) 2-Hexanone	9.433	43	884636	235.560	ug/l	97
60) Dibromochloromethane	9.525	129	202107	53.476	ug/l	97
61) 1,2-Dibromoethane	9.610	107	200028	52.307	ug/l	99
64) Tetrachloroethene	9.275	164	165853	51.413	ug/l	98
65) Chlorobenzene	10.079	112	493236	50.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	184551	54.505	ug/l	99
67) Ethyl Benzene	10.195	91	838982	50.234	ug/l	96
68) m/p-Xylenes	10.305	106	670161	102.299	ug/l	97
69) o-Xylene	10.646	106	332112	51.349	ug/l	97
70) Styrene	10.659	104	552177	51.433	ug/l	99
71) Bromoform	10.799	173	152161	55.027	ug/l #	100
73) Isopropylbenzene	10.963	105	834359	51.075	ug/l	100
74) N-amyl acetate	10.848	43	291757	48.866	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	286168	50.977	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	253529m	51.734	ug/l	
77) Bromobenzene	11.201	156	219976	53.363	ug/l	91
78) n-propylbenzene	11.305	91	926735	50.433	ug/l	97
79) 2-Chlorotoluene	11.366	91	565673	49.255	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	704036	50.269	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	80493	53.120	ug/l	95
82) 4-Chlorotoluene	11.457	91	643571	49.537	ug/l	97
83) tert-Butylbenzene	11.719	119	704711	50.339	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	705265	50.773	ug/l	99
85) sec-Butylbenzene	11.890	105	834897	49.447	ug/l	99
86) p-Isopropyltoluene	12.012	119	722973	50.575	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	393247	50.776	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	392362	50.039	ug/l	99
89) n-Butylbenzene	12.335	91	579002	48.356	ug/l	97
90) Hexachloroethane	12.542	117	112087	50.308	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	389341	50.988	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60105	51.102	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	249814	49.841	ug/l	99
94) Hexachlorobutadiene	13.725	225	106460	48.439	ug/l	94
95) Naphthalene	13.780	128	890591	52.927	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	254211	50.752	ug/l	96

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

