

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026622.D
 Acq On : 27 Jan 2022 14:21
 Operator : JC/MD
 Sample : N1286-11MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12RMS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 04:25:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64545	45.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.280%		
35) Dibromofluoromethane	5.391	113	51167	47.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.200%		
50) Toluene-d8	8.653	98	189766	48.988	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.079	95	67021	48.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	48595	40.649	ug/l	100
3) Chloromethane	1.294	50	49757	45.402	ug/l	99
4) Vinyl Chloride	1.380	62	51401	44.672	ug/l	100
5) Bromomethane	1.617	94	21911	41.280	ug/l	99
6) Chloroethane	1.691	64	22767	39.129	ug/l	99
7) Trichlorofluoromethane	1.892	101	78054	42.967	ug/l	99
8) Diethyl Ether	2.136	74	29478	45.857	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	50871	45.951	ug/l	100
10) Methyl Iodide	2.459	142	57820	48.648	ug/l	98
11) Tert butyl alcohol	3.038	59	48141	244.697	ug/l #	91
12) 1,1-Dichloroethene	2.325	96	48630	45.994	ug/l	96
13) Acrolein	2.239	56	50415	241.158	ug/l	99
14) Allyl chloride	2.672	41	90450	46.518	ug/l	97
15) Acrylonitrile	3.068	53	151917	250.848	ug/l	99
16) Acetone	2.392	43	123589	171.363	ug/l	98
17) Carbon Disulfide	2.520	76	128412	41.599	ug/l	98
18) Methyl Acetate	2.709	43	68416	47.717	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	178910	46.634	ug/l	99
20) Methylene Chloride	2.794	84	56370	47.306	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	53504	46.744	ug/l	97
22) Diisopropyl ether	3.763	45	187304	47.423	ug/l	97
23) Vinyl Acetate	3.727	43	793527	244.075	ug/l	99
24) 1,1-Dichloroethane	3.617	63	100090	46.923	ug/l	99
25) 2-Butanone	4.562	43	199810	213.037	ug/l	99
26) 2,2-Dichloropropane	4.483	77	72280	45.715	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	62721	48.012	ug/l	98
28) Bromochloromethane	4.904	49	43240	49.368	ug/l	99
29) Tetrahydrofuran	5.013	42	137059	246.047	ug/l	100
30) Chloroform	5.099	83	104078	46.960	ug/l	100
31) Cyclohexane	5.477	56	92724	44.451	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	90683	46.517	ug/l	100
36) 1,1-Dichloropropene	5.696	75	76471	45.062	ug/l	99
37) Ethyl Acetate	4.715	43	103959	60.560	ug/l	99
38) Carbon Tetrachloride	5.684	117	79155	45.346	ug/l	95
39) Methylcyclohexane	7.385	83	93674	45.763	ug/l	98
40) Benzene	6.044	78	227402	48.481	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47399	48.743	ug/l	98
42) 1,2-Dichloroethane	6.092	62	83497	45.498	ug/l	99
43) Isopropyl Acetate	6.342	43	134368	48.456	ug/l	99
44) Trichloroethene	7.129	130	63655	47.826	ug/l	98
45) 1,2-Dichloropropane	7.434	63	57946	49.492	ug/l	98
46) Dibromomethane	7.580	93	40255	48.773	ug/l	98
47) Bromodichloromethane	7.824	83	81715	49.001	ug/l	100
48) Methyl methacrylate	7.696	41	67231	48.923	ug/l	98
49) 1,4-Dioxane	7.702	88	21107	935.925	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	405354	246.454	ug/l	99
52) Toluene	8.720	92	143063	49.737	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	81946	46.120	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	91737	51.217	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	56990	50.772	ug/l	98
56) Ethyl methacrylate	9.116	69	87667	50.963	ug/l	97
57) 1,3-Dichloropropane	9.311	76	98907	50.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.366	63	450	0.499	ug/l #	46
59) 2-Hexanone	9.433	43	291480	231.546	ug/l	99
60) Dibromochloromethane	9.525	129	61579	52.645	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59424	50.806	ug/l	100
64) Tetrachloroethene	9.275	164	63383	47.181	ug/l	98
65) Chlorobenzene	10.079	112	147717	49.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	56482	50.759	ug/l	99
67) Ethyl Benzene	10.195	91	269817	49.579	ug/l	100
68) m/p-Xylenes	10.305	106	203692	100.015	ug/l	99
69) o-Xylene	10.646	106	98983	50.368	ug/l	98
70) Styrene	10.659	104	163214	50.897	ug/l	99
71) Bromoform	10.799	173	39392	46.419	ug/l #	99
73) Isopropylbenzene	10.963	105	263906	49.975	ug/l	100
74) N-amyl acetate	10.848	43	101735	49.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	72000	50.797	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	69252m	48.821	ug/l	
77) Bromobenzene	11.201	156	59462	49.151	ug/l	99
78) n-propylbenzene	11.305	91	298464	49.563	ug/l	100
79) 2-Chlorotoluene	11.366	91	174470	47.777	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	215904	49.592	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20736	46.500	ug/l	94
82) 4-Chlorotoluene	11.457	91	200990	47.890	ug/l	98
83) tert-Butylbenzene	11.719	119	204086	50.216	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	213101	48.939	ug/l	98
85) sec-Butylbenzene	11.890	105	262448	49.924	ug/l	100
86) p-Isopropyltoluene	12.012	119	223274	50.624	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	110674	48.806	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	111288	48.487	ug/l	99
89) n-Butylbenzene	12.335	91	188743	49.868	ug/l	100
90) Hexachloroethane	12.542	117	32546	44.471	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	106929	49.899	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17070	49.828	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	67933	49.446	ug/l	99
94) Hexachlorobutadiene	13.725	225	27622	47.627	ug/l	98
95) Naphthalene	13.780	128	231067	50.422	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66736	49.392	ug/l	99

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

