

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026980.D
 Acq On : 11 Feb 2022 20:20
 Operator : JC/MD
 Sample : N1497-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 12 04:34:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	135615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52117	52.534	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.060%			
35) Dibromofluoromethane	5.391	113	40981	50.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.440%			
50) Toluene-d8	8.653	98	152394	51.383	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.085	95	55034	52.706	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	47873	53.273	ug/l	99
3) Chloromethane	1.294	50	45288	54.173	ug/l	98
4) Vinyl Chloride	1.379	62	44785	51.175	ug/l	100
5) Bromomethane	1.605	94	17694	47.648	ug/l	98
6) Chloroethane	1.684	64	27773	59.959	ug/l	96
7) Trichlorofluoromethane	1.892	101	67136	52.131	ug/l	99
8) Diethyl Ether	2.135	74	24233	50.797	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	44414	52.614	ug/l	100
10) Methyl Iodide	2.459	142	58110	49.648	ug/l	98
11) Tert butyl alcohol	2.965	59	42927	239.520	ug/l #	95
12) 1,1-Dichloroethene	2.324	96	43044	50.891	ug/l	94
13) Acrolein	2.239	56	47790	288.546	ug/l	100
14) Allyl chloride	2.666	41	79068	52.775	ug/l	97
15) Acrylonitrile	3.068	53	142909	278.261	ug/l	99
16) Acetone	2.379	43	119755	274.841	ug/l	95
17) Carbon Disulfide	2.513	76	114816	47.953	ug/l	99
18) Methyl Acetate	2.702	43	59869	47.755	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	150955	50.423	ug/l	99
20) Methylene Chloride	2.794	84	49157	52.066	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	46702	52.472	ug/l	96
22) Diisopropyl ether	3.763	45	160013	53.049	ug/l	99
23) Vinyl Acetate	3.727	43	649791	256.223	ug/l	99
24) 1,1-Dichloroethane	3.617	63	86627	53.074	ug/l	100
25) 2-Butanone	4.556	43	193335	275.397	ug/l	100
26) 2,2-Dichloropropane	4.483	77	55601	50.419	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	54335	53.171	ug/l	97
28) Bromochloromethane	4.909	49	37592	55.561	ug/l	99
29) Tetrahydrofuran	5.007	42	129841	272.055	ug/l	99
30) Chloroform	5.098	83	89440	52.742	ug/l	97
31) Cyclohexane	5.476	56	81482	51.691	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	76684	51.289	ug/l	99
36) 1,1-Dichloropropene	5.696	75	65969	51.756	ug/l	99
37) Ethyl Acetate	4.720	43	71796	49.564	ug/l	99
38) Carbon Tetrachloride	5.684	117	68405	51.178	ug/l	98
39) Methylcyclohexane	7.385	83	81250	51.979	ug/l	98
40) Benzene	6.043	78	195056	52.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43099	54.896	ug/l	97
42) 1,2-Dichloroethane	6.092	62	71563	54.668	ug/l	98
43) Isopropyl Acetate	6.342	43	114230	51.252	ug/l	99
44) Trichloroethene	7.128	130	55911	50.126	ug/l	92
45) 1,2-Dichloropropane	7.433	63	49874	53.063	ug/l	97
46) Dibromomethane	7.586	93	35165	54.070	ug/l	99
47) Bromodichloromethane	7.823	83	69368	55.697	ug/l	99
48) Methyl methacrylate	7.695	41	59235	53.639	ug/l	98
49) 1,4-Dioxane	7.665	88	19200	1008.940	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	378369	280.147	ug/l	98
52) Toluene	8.720	92	122929	52.267	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	68215	50.579	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	75806	55.121	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	49694	55.811	ug/l	98
56) Ethyl methacrylate	9.116	69	78304	55.479	ug/l	96
57) 1,3-Dichloropropane	9.311	76	85657	56.022	ug/l	100
59) 2-Hexanone	9.433	43	279443	282.871	ug/l	98
60) Dibromochloromethane	9.524	129	52510	57.315	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52812	56.138	ug/l	99
64) Tetrachloroethene	9.274	164	57158	47.116	ug/l	96
65) Chlorobenzene	10.079	112	129183	51.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48873	53.186	ug/l	98
67) Ethyl Benzene	10.195	91	233588	52.834	ug/l	99
68) m/p-Xylenes	10.305	106	178309	104.825	ug/l	97
69) o-Xylene	10.646	106	87632	52.575	ug/l	96
70) Styrene	10.658	104	143791	53.191	ug/l	98
71) Bromoform	10.799	173	35070	49.306	ug/l #	100
73) Isopropylbenzene	10.963	105	228384	51.478	ug/l	99
74) N-amyl acetate	10.847	43	87150	49.163	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	65166	54.126	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	64459m	52.280	ug/l	
77) Bromobenzene	11.201	156	52735	50.006	ug/l	97
78) n-propylbenzene	11.305	91	260313	52.927	ug/l	100
79) 2-Chlorotoluene	11.366	91	154613	50.878	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	186937	51.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	18214	46.448	ug/l	96
82) 4-Chlorotoluene	11.457	91	176048	51.640	ug/l	97
83) tert-Butylbenzene	11.719	119	178554	51.307	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	187533	50.919	ug/l	98
85) sec-Butylbenzene	11.890	105	228763	51.858	ug/l	99
86) p-Isopropyltoluene	12.012	119	191636	51.278	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	98308	50.874	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	99198	50.902	ug/l	99
89) n-Butylbenzene	12.335	91	162535	53.157	ug/l	100
90) Hexachloroethane	12.542	117	30092	55.712	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	96403	51.703	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	15299	51.673	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	60040	51.023	ug/l	99
94) Hexachlorobutadiene	13.725	225	23671	47.558	ug/l	99
95) Naphthalene	13.780	128	211020	51.196	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59758	50.153	ug/l	98

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

