

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026623.D
 Acq On : 27 Jan 2022 14:44
 Operator : JC/MD
 Sample : N1286-12MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12RMSD

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 04:25:51 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	96846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58294	43.089	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.180%		
35) Dibromofluoromethane	5.391	113	47029	45.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.500%		
50) Toluene-d8	8.653	98	174332	47.065	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.140%		
62) 4-Bromofluorobenzene	11.079	95	63611	48.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	47694	41.705	ug/l	100
3) Chloromethane	1.294	50	46551	44.404	ug/l	100
4) Vinyl Chloride	1.380	62	49357	44.842	ug/l	97
5) Bromomethane	1.617	94	19096	37.609	ug/l	97
6) Chloroethane	1.691	64	22515	40.452	ug/l	97
7) Trichlorofluoromethane	1.892	101	74950	43.130	ug/l	99
8) Diethyl Ether	2.136	74	28284	45.995	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	49129	46.391	ug/l	99
10) Methyl Iodide	2.459	142	55097	48.478	ug/l	98
11) Tert butyl alcohol	3.020	59	50665	269.211	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	46625	46.098	ug/l	94
13) Acrolein	2.239	56	50255	251.299	ug/l	99
14) Allyl chloride	2.666	41	88204	47.421	ug/l	96
15) Acrylonitrile	3.068	53	153201	264.445	ug/l	99
16) Acetone	2.392	43	128359	186.052	ug/l	96
17) Carbon Disulfide	2.520	76	125879	42.628	ug/l	99
18) Methyl Acetate	2.709	43	69474	50.653	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	175272	47.759	ug/l	100
20) Methylene Chloride	2.794	84	55388	48.591	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	51294	46.846	ug/l	96
22) Diisopropyl ether	3.763	45	182050	48.184	ug/l	100
23) Vinyl Acetate	3.727	43	775459	249.339	ug/l	98
24) 1,1-Dichloroethane	3.611	63	97577	47.821	ug/l	98
25) 2-Butanone	4.562	43	205428	228.964	ug/l	100
26) 2,2-Dichloropropane	4.483	77	72507	47.939	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	61394	49.129	ug/l	97
28) Bromochloromethane	4.904	49	40206	47.987	ug/l	100
29) Tetrahydrofuran	5.013	42	139256	261.333	ug/l	99
30) Chloroform	5.099	83	101806	48.019	ug/l	97
31) Cyclohexane	5.477	56	88760	44.482	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	87850	47.108	ug/l	99
36) 1,1-Dichloropropene	5.696	75	74555	45.946	ug/l	99
37) Ethyl Acetate	4.715	43	103581	63.104	ug/l	99
38) Carbon Tetrachloride	5.678	117	78124	46.806	ug/l	98
39) Methylcyclohexane	7.385	83	90661	46.320	ug/l	97
40) Benzene	6.044	78	219744	48.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47553	51.141	ug/l	98
42) 1,2-Dichloroethane	6.092	62	81173	46.258	ug/l	98
43) Isopropyl Acetate	6.342	43	134881	50.870	ug/l	99
44) Trichloroethene	7.129	130	61601	48.403	ug/l	97
45) 1,2-Dichloropropane	7.434	63	57550	51.405	ug/l	99
46) Dibromomethane	7.586	93	39131	49.584	ug/l	98
47) Bromodichloromethane	7.824	83	79366	49.772	ug/l	99
48) Methyl methacrylate	7.696	41	67211	51.149	ug/l	98
49) 1,4-Dioxane	7.702	88	21022	974.860	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	409379	260.304	ug/l	98
52) Toluene	8.720	92	141209	51.342	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	81401	47.839	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	88841	51.873	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	56856	52.973	ug/l	99
56) Ethyl methacrylate	9.116	69	88464	53.783	ug/l	97
57) 1,3-Dichloropropane	9.311	76	97448	52.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.366	63	482	0.559	ug/l #	46
59) 2-Hexanone	9.433	43	297572	247.214	ug/l	99
60) Dibromochloromethane	9.525	129	60919	54.467	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59976	53.627	ug/l	99
64) Tetrachloroethene	9.275	164	62018	45.421	ug/l	96
65) Chlorobenzene	10.079	112	150334	49.390	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	56931	50.338	ug/l	100
67) Ethyl Benzene	10.195	91	272385	49.244	ug/l	100
68) m/p-Xylenes	10.305	106	205671	99.359	ug/l	98
69) o-Xylene	10.640	106	100637	50.384	ug/l	98
70) Styrene	10.659	104	165123	50.663	ug/l	98
71) Bromoform	10.799	173	40193	46.591	ug/l #	99
73) Isopropylbenzene	10.963	105	267046	50.982	ug/l	99
74) N-amyl acetate	10.848	43	104018	51.438	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	72813	51.789	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	71351m	50.711	ug/l	
77) Bromobenzene	11.201	156	60656	50.547	ug/l	98
78) n-propylbenzene	11.305	91	303458	50.803	ug/l	100
79) 2-Chlorotoluene	11.366	91	180288	49.773	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	216580	50.153	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21151	47.676	ug/l	93
82) 4-Chlorotoluene	11.457	91	204629	49.155	ug/l	98
83) tert-Butylbenzene	11.713	119	210916	52.320	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	216898	50.217	ug/l	98
85) sec-Butylbenzene	11.890	105	266952	51.195	ug/l	100
86) p-Isopropyltoluene	12.012	119	226624	51.803	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112197	49.881	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	111102	48.801	ug/l	99
89) n-Butylbenzene	12.335	91	189781	50.551	ug/l	99
90) Hexachloroethane	12.542	117	33369	45.894	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	107169	50.418	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16589	48.819	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	67127	49.258	ug/l	98
94) Hexachlorobutadiene	13.725	225	28166	48.961	ug/l	99
95) Naphthalene	13.774	128	233297	51.324	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66666	49.743	ug/l	99

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

