

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027653.D
 Acq On : 23 Mar 2022 07:39
 Operator : JC/MD
 Sample : N2062-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5MSD

Quant Time: Mar 23 08:45:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	306774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	486651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	442260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195695	51.783	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.560%			
35) Dibromofluoromethane	5.385	113	170734	54.530	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.060%			
50) Toluene-d8	8.653	98	628844	53.075	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.160%			
62) 4-Bromofluorobenzene	11.085	95	227450	52.229	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	146761	49.840	ug/l	100
3) Chloromethane	1.294	50	121047	46.308	ug/l	100
4) Vinyl Chloride	1.374	62	147781	48.930	ug/l	100
5) Bromomethane	1.599	94	69104	44.079	ug/l	98
6) Chloroethane	1.679	64	95968	51.780	ug/l	99
7) Trichlorofluoromethane	1.886	101	236402	47.416	ug/l	98
8) Diethyl Ether	2.136	74	92361	49.733	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	149769	50.445	ug/l	94
10) Methyl Iodide	2.453	142	182352	46.399	ug/l	98
11) Tert butyl alcohol	2.965	59	164001	227.706	ug/l	99
12) 1,1-Dichloroethene	2.319	96	144595	50.760	ug/l	96
13) Acrolein	2.239	56	131890	235.980	ug/l	97
14) Allyl chloride	2.666	41	204124	45.792	ug/l	98
15) Acrylonitrile	3.069	53	409481	250.077	ug/l	99
16) Acetone	2.380	43	316674	205.578	ug/l	99
17) Carbon Disulfide	2.508	76	341261	47.081	ug/l	100
18) Methyl Acetate	2.703	43	160748	43.542	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	491785	51.169	ug/l	99
20) Methylene Chloride	2.788	84	158892	47.976	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	151877	49.982	ug/l	99
22) Diisopropyl ether	3.764	45	451546	51.871	ug/l	92
23) Vinyl Acetate	3.727	43	1687305	222.883	ug/l	97
24) 1,1-Dichloroethane	3.611	63	272817	51.528	ug/l	99
25) 2-Butanone	4.562	43	566240	244.324	ug/l	98
26) 2,2-Dichloropropane	4.477	77	128745	29.778	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	182708	51.849	ug/l	92
28) Bromochloromethane	4.904	49	114567	53.642	ug/l	93
29) Tetrahydrofuran	5.007	42	374428	251.845	ug/l	94
30) Chloroform	5.099	83	298872	51.174	ug/l	99
31) Cyclohexane	5.471	56	234332	49.935	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	265638	49.956	ug/l	98
36) 1,1-Dichloropropene	5.696	75	211404	49.408	ug/l	97
37) Ethyl Acetate	4.721	43	193582	45.404	ug/l	100
38) Carbon Tetrachloride	5.678	117	237944	48.609	ug/l	99
39) Methylcyclohexane	7.385	83	250977	46.645	ug/l	98
40) Benzene	6.044	78	630416	51.356	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	121802	52.383	ug/l	95
42) 1,2-Dichloroethane	6.092	62	233846	50.830	ug/l	97
43) Isopropyl Acetate	6.342	43	317105	46.213	ug/l	97
44) Trichloroethene	7.129	130	184344	49.470	ug/l	97
45) 1,2-Dichloropropane	7.434	63	158307	50.631	ug/l	99
46) Dibromomethane	7.586	93	121151	50.724	ug/l	99
47) Bromodichloromethane	7.824	83	223186	49.627	ug/l	99
48) Methyl methacrylate	7.696	41	172532	50.807	ug/l	91
49) 1,4-Dioxane	7.659	88	73678	844.738	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1101386	251.445	ug/l	96
52) Toluene	8.720	92	406685	49.439	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	214332	46.435	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	233372	46.456	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	176566	52.717	ug/l	99
56) Ethyl methacrylate	9.116	69	261002	52.084	ug/l	95
57) 1,3-Dichloropropane	9.311	76	278983	51.308	ug/l	100
59) 2-Hexanone	9.433	43	809337	239.904	ug/l	96
60) Dibromochloromethane	9.525	129	183636	49.807	ug/l	97
61) 1,2-Dibromoethane	9.610	107	184707	50.176	ug/l	97
64) Tetrachloroethene	9.275	164	172230	50.086	ug/l	98
65) Chlorobenzene	10.079	112	459963	50.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	171080	50.401	ug/l	100
67) Ethyl Benzene	10.195	91	792300	50.879	ug/l	97
68) m/p-Xylenes	10.305	106	619778	101.082	ug/l	99
69) o-Xylene	10.646	106	303908	51.049	ug/l	100
70) Styrene	10.659	104	503236	51.746	ug/l	99
71) Bromoform	10.805	173	132783	48.966	ug/l #	98
73) Isopropylbenzene	10.963	105	791470	49.586	ug/l	100
74) N-amyl acetate	10.842	43	251941	44.515	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	255941	50.621	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	229871m	50.151	ug/l	
77) Bromobenzene	11.201	156	201808	50.160	ug/l	95
78) n-propylbenzene	11.305	91	881499	50.309	ug/l	97
79) 2-Chlorotoluene	11.366	91	539180	49.055	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	680924	50.687	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	59392	39.352	ug/l	89
82) 4-Chlorotoluene	11.457	91	621705	49.679	ug/l	99
83) tert-Butylbenzene	11.713	119	676605	50.841	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	680918	50.824	ug/l	100
85) sec-Butylbenzene	11.890	105	821398	51.075	ug/l	99
86) p-Isopropyltoluene	12.012	119	699826	50.663	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	375791	50.413	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	378473	50.178	ug/l	99
89) n-Butylbenzene	12.335	91	573221	49.725	ug/l	97
90) Hexachloroethane	12.542	117	101656	46.147	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	373464	51.311	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58111	50.112	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	235783	50.541	ug/l	98
94) Hexachlorobutadiene	13.725	225	89862	43.606	ug/l	93
95) Naphthalene	13.780	128	821918	54.120	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	237570	50.342	ug/l	94

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

