

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072991.D
 Acq On : 21 Jun 2022 18:21
 Operator : JC\MD
 Sample : N3370-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD

Quant Time: Jun 22 07:02:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	248137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	435833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	387133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	181157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188480	56.183	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.360%			
35) Dibromofluoromethane	7.951	113	150202	55.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.520%			
50) Toluene-d8	10.375	98	551074	54.976	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.960%			
62) 4-Bromofluorobenzene	12.669	95	206405	57.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	127176	53.830	ug/l	98
3) Chloromethane	2.269	50	123886	48.795	ug/l	100
4) Vinyl Chloride	2.405	62	114790	54.178	ug/l	97
5) Bromomethane	2.793	94	49658	59.538	ug/l	99
6) Chloroethane	2.963	64	73966	55.801	ug/l	93
7) Trichlorofluoromethane	3.316	101	220247	63.834	ug/l	98
8) Diethyl Ether	3.769	74	97705	54.869	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.134	101	125401	52.579	ug/l	99
10) Methyl Iodide	4.351	142	113390	41.478	ug/l	98
11) Tert butyl alcohol	5.293	59	219593	253.403	ug/l	100
12) 1,1-Dichloroethene	4.116	96	125838	52.968	ug/l	97
13) Acrolein	3.981	56	83221	243.839	ug/l	100
14) Allyl chloride	4.757	41	268379	52.875	ug/l #	92
15) Acrylonitrile	5.481	53	553291	276.972	ug/l	99
16) Acetone	4.222	43	479543	260.044	ug/l	97
17) Carbon Disulfide	4.457	76	278344	45.728	ug/l	99
18) Methyl Acetate	4.781	43	247319	50.363	ug/l	92
19) Methyl tert-butyl Ether	5.534	73	557001	62.428	ug/l	100
20) Methylene Chloride	5.016	84	153240	53.591	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	131281	50.801	ug/l	92
22) Diisopropyl ether	6.410	45	555777	58.736	ug/l	93
23) Vinyl Acetate	6.351	43	2419180	276.959	ug/l	94
24) 1,1-Dichloroethane	6.304	63	276607	55.758	ug/l	99
25) 2-Butanone	7.263	43	800762	273.645	ug/l	91
26) 2,2-Dichloropropane	7.251	77	201421	48.900	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	172388	55.835	ug/l	98
28) Bromochloromethane	7.581	49	114826	55.968	ug/l	85
29) Tetrahydrofuran	7.610	42	522581	270.432	ug/l	88
30) Chloroform	7.751	83	281808	56.114	ug/l	99
31) Cyclohexane	8.022	56	221775	48.871	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	246218	55.869	ug/l	98
36) 1,1-Dichloropropene	8.145	75	191871	52.638	ug/l	99
37) Ethyl Acetate	7.339	43	297496	51.025	ug/l	96
38) Carbon Tetrachloride	8.134	117	203832	53.163	ug/l	98
39) Methylcyclohexane	9.392	83	221124	50.329	ug/l	95
40) Benzene	8.386	78	609412	53.198	ug/l	98

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41) Methacrylonitrile	7.563	41	153515	55.525	ug/l #	86
42) 1,2-Dichloroethane	8.463	62	226900	55.766	ug/l	99
43) Isopropyl Acetate	8.492	43	513590	61.624	ug/l #	89
44) Trichloroethene	9.145	130	149360	51.449	ug/l	94
45) 1,2-Dichloropropane	9.422	63	161238	55.064	ug/l	99
46) Dibromomethane	9.510	93	108760	54.931	ug/l	94
47) Bromodichloromethane	9.698	83	225566	57.325	ug/l	100
48) Methyl methacrylate	9.492	41	216107	56.794	ug/l	90
49) 1,4-Dioxane	9.504	88	81150	947.827	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	1536629	282.740	ug/l	91
52) Toluene	10.439	92	384882	54.724	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	241889	57.160	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	255136	55.196	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	165528	53.602	ug/l	99
56) Ethyl methacrylate	10.698	69	279410	56.450	ug/l #	83
57) 1,3-Dichloropropane	10.980	76	278846	54.427	ug/l	100
59) 2-Hexanone	11.022	43	1186462	282.256	ug/l	90
60) Dibromochloromethane	11.175	129	170555	58.439	ug/l	100
61) 1,2-Dibromoethane	11.280	107	169788	55.771	ug/l	98
64) Tetrachloroethene	10.910	164	119994	50.951	ug/l	97
65) Chlorobenzene	11.704	112	410817	54.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	158543	55.095	ug/l	99
67) Ethyl Benzene	11.780	91	750396	56.382	ug/l	100
68) m/p-Xylenes	11.892	106	569109	109.023	ug/l	96
69) o-Xylene	12.216	106	288078	55.228	ug/l	97
70) Styrene	12.227	104	473137	56.483	ug/l	99
71) Bromoform	12.392	173	126678	58.385	ug/l #	100
73) Isopropylbenzene	12.516	105	750355	53.540	ug/l	99
74) N-amyl acetate	12.327	43	384507	52.869	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	264764	52.457	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	206548m	47.027	ug/l	
77) Bromobenzene	12.798	156	174458	51.961	ug/l	88
78) n-propylbenzene	12.857	91	863948	56.044	ug/l	97
79) 2-Chlorotoluene	12.945	91	527069	52.800	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	618673	53.742	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	85065	52.305	ug/l	94
82) 4-Chlorotoluene	13.039	91	512465	54.260	ug/l	98
83) tert-Butylbenzene	13.257	119	574373	54.478	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	617302	53.837	ug/l	97
85) sec-Butylbenzene	13.433	105	779518	55.425	ug/l	99
86) p-Isopropyltoluene	13.551	119	629812	55.310	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	315581	52.648	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	318923	52.568	ug/l	99
89) n-Butylbenzene	13.880	91	518326	55.746	ug/l	98
90) Hexachloroethane	14.145	117	119587	55.708	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	327886	52.452	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	64967	51.044	ug/l	93
93) 1,2,4-Trichlorobenzene	15.192	180	183287	52.980	ug/l	98
94) Hexachlorobutadiene	15.298	225	74421	49.434	ug/l	98
95) Naphthalene	15.427	128	720146	51.458	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	188177	50.938	ug/l	98

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

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