

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069287.D
 Acq On : 29 Oct 2021 8:09
 Operator : JC/MD
 Sample : M4338-12MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15DMSD

Quant Time: Oct 29 08:59:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	207949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	386301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	365224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	159608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	147715	49.208	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.420%		
35) Dibromofluoromethane	8.021	113	110381	45.838	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.680%		
50) Toluene-d8	10.443	98	431180	44.783	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.560%		
62) 4-Bromofluorobenzene	12.731	95	162597	44.753	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	107041	44.024	ug/l	99
3) Chloromethane	2.301	50	118743	47.727	ug/l	100
4) Vinyl Chloride	2.443	62	142363	47.277	ug/l	100
5) Bromomethane	2.826	94	91924	52.576	ug/l	96
6) Chloroethane	3.001	64	97599	53.862	ug/l	99
7) Trichlorofluoromethane	3.365	101	226750	61.481	ug/l	99
8) Diethyl Ether	3.821	74	72687	55.404	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.199	101	97129	49.649	ug/l	99
10) Methyl Iodide	4.414	142	133640	46.875	ug/l	97
11) Tert butyl alcohol	5.388	59	158096	269.808	ug/l	100
12) 1,1-Dichloroethene	4.170	96	96637	51.666	ug/l	97
13) Acrolein	4.038	56	48472	366.682	ug/l	99
14) Allyl chloride	4.838	41	151717	45.852	ug/l	97
15) Acrylonitrile	5.554	53	359167	283.653	ug/l	98
16) Acetone	4.288	43	329403	257.555	ug/l	98
17) Carbon Disulfide	4.521	76	195809	39.315	ug/l	100
18) Methyl Acetate	4.856	43	177443	40.826	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	409563	55.654	ug/l	100
20) Methylene Chloride	5.092	84	123072	50.169	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	104183	49.329	ug/l	96
22) Diisopropyl ether	6.498	45	382972	49.710	ug/l	96
23) Vinyl Acetate	6.433	43	949749m	157.708	ug/l	
24) 1,1-Dichloroethane	6.385	63	217129	54.905	ug/l	100
25) 2-Butanone	7.337	43	502028	256.082	ug/l	99
26) 2,2-Dichloropropane	7.324	77	59119	15.807	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	133323	53.426	ug/l	93
28) Bromochloromethane	7.659	49	95264	48.080	ug/l	96
29) Tetrahydrofuran	7.689	42	326209	258.821	ug/l	96
30) Chloroform	7.817	83	245258	57.050	ug/l	97
31) Cyclohexane	8.094	56	183995	45.798	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	210383	49.996	ug/l	99
36) 1,1-Dichloropropene	8.222	75	159582	47.917	ug/l	99
37) Ethyl Acetate	7.415	43	131599	34.676	ug/l	99
38) Carbon Tetrachloride	8.206	117	172775	45.574	ug/l	99
39) Methylcyclohexane	9.459	83	177196	42.971	ug/l	97
40) Benzene	8.461	78	510366	50.949	ug/l	99

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41) Methacrylonitrile	7.640	41	99478	53.170	ug/l	96
42) 1,2-Dichloroethane	8.531	62	195913	51.971	ug/l	100
43) Isopropyl Acetate	8.563	43	263336	39.881	ug/l	98
44) Trichloroethene	9.217	130	123775	49.070	ug/l	97
45) 1,2-Dichloropropane	9.491	63	132260	51.861	ug/l	99
46) Dibromomethane	9.577	93	95076	52.473	ug/l	99
47) Bromodichloromethane	9.762	83	184532	47.615	ug/l	99
48) Methyl methacrylate	9.561	41	142956	49.910	ug/l	89
49) 1,4-Dioxane	9.571	88	67453	973.229	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1060358	246.226	ug/l	99
52) Toluene	10.505	92	334602	50.933	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	166471	38.293	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	173191	38.274	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	139789	53.039	ug/l	98
56) Ethyl methacrylate	10.762	69	228742	47.331	ug/l	98
57) 1,3-Dichloropropane	11.044	76	233379	53.082	ug/l	100
59) 2-Hexanone	11.087	43	797342	242.297	ug/l	99
60) Dibromochloromethane	11.240	129	138817	46.411	ug/l	100
61) 1,2-Dibromoethane	11.347	107	146210	48.604	ug/l	98
64) Tetrachloroethene	10.977	164	111148	47.645	ug/l	97
65) Chlorobenzene	11.771	112	360086	50.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	137579	49.541	ug/l	100
67) Ethyl Benzene	11.846	91	659578	50.374	ug/l	99
68) m/p-Xylenes	11.953	106	495371	101.565	ug/l	99
69) o-Xylene	12.283	106	252963	51.532	ug/l	99
70) Styrene	12.296	104	411087	46.193	ug/l	100
71) Bromoform	12.460	173	100277	44.620	ug/l #	99
73) Isopropylbenzene	12.581	105	657908	49.038	ug/l	100
74) N-amyl acetate	12.387	43	180974	34.242	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	226776	52.951	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	197745m	47.106	ug/l	
77) Bromobenzene	12.862	156	154661	49.141	ug/l	97
78) n-propylbenzene	12.921	91	726751	47.856	ug/l	99
79) 2-Chlorotoluene	13.010	91	462789	48.387	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	542794	48.734	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	42830	31.727	ug/l	90
82) 4-Chlorotoluene	13.106	91	440954	46.745	ug/l	100
83) tert-Butylbenzene	13.323	119	480802	49.478	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	531393	48.781	ug/l	100
85) sec-Butylbenzene	13.503	105	644913	47.900	ug/l	100
86) p-Isopropyltoluene	13.616	119	508702	47.376	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	261036	47.406	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	252402	47.211	ug/l	99
89) n-Butylbenzene	13.943	91	391214	43.023	ug/l	99
90) Hexachloroethane	14.211	117	95729	45.219	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	260949	48.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	42809	48.268	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	112980	43.904	ug/l	99
94) Hexachlorobutadiene	15.370	225	55033	41.688	ug/l	99
95) Naphthalene	15.507	128	391224	49.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	120064	47.535	ug/l	98

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

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