

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069286.D
 Acq On : 29 Oct 2021 7:43
 Operator : JC/MD
 Sample : M4338-11MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15DMS

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 08:58:53 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	188534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	359476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	339319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	142139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	144622	53.139	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.280%			
35) Dibromofluoromethane	8.021	113	107814	48.113	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.220%			
50) Toluene-d8	10.443	98	405550	45.264	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 90.520%			
62) 4-Bromofluorobenzene	12.731	95	153548	45.416	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	89834	40.809	ug/l	98
3) Chloromethane	2.301	50	114332	50.719	ug/l	100
4) Vinyl Chloride	2.443	62	131851	48.279	ug/l	99
5) Bromomethane	2.821	94	88422	55.781	ug/l	99
6) Chloroethane	2.995	64	92240	56.147	ug/l	99
7) Trichlorofluoromethane	3.363	101	202591	60.587	ug/l	99
8) Diethyl Ether	3.821	74	71704	60.283	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.197	101	80221	45.229	ug/l	98
10) Methyl Iodide	4.414	142	126429	48.806	ug/l	97
11) Tert butyl alcohol	5.390	59	164373	307.440	ug/l	98
12) 1,1-Dichloroethene	4.170	96	89468	52.759	ug/l	96
13) Acrolein	4.039	56	49345	411.726	ug/l	99
14) Allyl chloride	4.835	41	147860	49.288	ug/l	97
15) Acrylonitrile	5.554	53	357626	311.521	ug/l	99
16) Acetone	4.288	43	326504	281.578	ug/l	99
17) Carbon Disulfide	4.519	76	176321	39.048	ug/l	99
18) Methyl Acetate	4.854	43	185858	47.166	ug/l	98
19) Methyl tert-butyl Ether	5.615	73	404410	60.612	ug/l	98
20) Methylene Chloride	5.093	84	120340	54.107	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	97028	50.672	ug/l	96
22) Diisopropyl ether	6.498	45	378089	54.054	ug/l	98
23) Vinyl Acetate	6.434	43	961844m	175.393	ug/l	
24) 1,1-Dichloroethane	6.385	63	209481	58.426	ug/l	100
25) 2-Butanone	7.337	43	493657	277.605	ug/l	96
26) 2,2-Dichloropropane	7.324	77	55822	16.428	ug/l	89
27) cis-1,2-Dichloroethene	7.324	96	129930	57.428	ug/l	92
28) Bromochloromethane	7.654	49	91455	50.911	ug/l	96
29) Tetrahydrofuran	7.686	42	323477	282.808	ug/l	96
30) Chloroform	7.817	83	236570	60.696	ug/l	99
31) Cyclohexane	8.091	56	150022	41.187	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	192532	50.457	ug/l	98
36) 1,1-Dichloropropene	8.220	75	143772	46.392	ug/l	99
37) Ethyl Acetate	7.415	43	136326	38.602	ug/l	99
38) Carbon Tetrachloride	8.206	117	154954	43.961	ug/l	99
39) Methylcyclohexane	9.459	83	138217	36.020	ug/l	97
40) Benzene	8.458	78	485933	52.130	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	99337	57.056	ug/l	97
42) 1,2-Dichloroethane	8.531	62	192812	54.965	ug/l	99
43) Isopropyl Acetate	8.560	43	264927	43.078	ug/l	98
44) Trichloroethene	9.215	130	111942	47.690	ug/l	99
45) 1,2-Dichloropropane	9.491	63	128734	54.246	ug/l	97
46) Dibromomethane	9.577	93	93818	55.642	ug/l	99
47) Bromodichloromethane	9.762	83	175040	48.514	ug/l	97
48) Methyl methacrylate	9.561	41	151750	56.933	ug/l	95
49) 1,4-Dioxane	9.571	88	66964	1035.943	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	1048240	261.177	ug/l	99
52) Toluene	10.505	92	309748	50.668	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	159506	39.371	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	167385	39.692	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	136701	55.738	ug/l	99
56) Ethyl methacrylate	10.762	69	226974	50.359	ug/l	98
57) 1,3-Dichloropropane	11.044	76	227263	55.548	ug/l	100
59) 2-Hexanone	11.087	43	793551	258.584	ug/l	100
60) Dibromochloromethane	11.240	129	134555	48.260	ug/l	100
61) 1,2-Dibromoethane	11.347	107	141159	50.395	ug/l	98
64) Tetrachloroethene	10.977	164	96447	44.499	ug/l	98
65) Chlorobenzene	11.771	112	333764	49.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	130329	50.506	ug/l	99
67) Ethyl Benzene	11.846	91	592574	48.711	ug/l	99
68) m/p-Xylenes	11.953	106	440594	97.230	ug/l	99
69) o-Xylene	12.280	106	229771	50.381	ug/l	98
70) Styrene	12.296	104	380330	46.005	ug/l	100
71) Bromoform	12.460	173	97083	46.375	ug/l #	99
73) Isopropylbenzene	12.581	105	577010	48.294	ug/l	100
74) N-amyl acetate	12.390	43	179679	38.175	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	223344	58.559	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	179093m	47.906	ug/l	
77) Bromobenzene	12.862	156	142971	51.009	ug/l	99
78) n-propylbenzene	12.921	91	630747	46.638	ug/l	99
79) 2-Chlorotoluene	13.007	91	410202	48.160	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	477109	48.101	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	41512	34.156	ug/l	89
82) 4-Chlorotoluene	13.106	91	396781	47.232	ug/l	100
83) tert-Butylbenzene	13.323	119	422490	48.820	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	475655	49.030	ug/l	100
85) sec-Butylbenzene	13.503	105	548677	45.761	ug/l	99
86) p-Isopropyltoluene	13.616	119	432846	45.266	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	230847	47.076	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	228335	47.957	ug/l	99
89) n-Butylbenzene	13.943	91	321539	39.706	ug/l	99
90) Hexachloroethane	14.211	117	81873	43.507	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	234724	49.132	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	40931	51.701	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	98220	42.919	ug/l	99
94) Hexachlorobutadiene	15.370	225	43916	37.355	ug/l	98
95) Naphthalene	15.507	128	336183	47.506	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	103435	46.056	ug/l	99

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

