

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067325.D
 Acq On : 14 Jun 2021 15:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061421

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:16:04 PM

Quant Time: Jun 15 05:21:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	368664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	686965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	640626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	271196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	349267	48.024	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.040%		
35) Dibromofluoromethane	8.021	113	225452	49.345	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.700%		
50) Toluene-d8	10.443	98	870840	49.729	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.460%		
62) 4-Bromofluorobenzene	12.736	95	362518	50.163	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	297692	49.393	ug/l	100
3) Chloromethane	2.298	50	290841	51.966	ug/l	100
4) Vinyl Chloride	2.443	62	288267	52.536	ug/l	98
5) Bromomethane	2.821	94	139028	59.723	ug/l	100
6) Chloroethane	3.001	64	169893	50.403	ug/l	99
7) Trichlorofluoromethane	3.363	101	393492	51.666	ug/l	99
8) Diethyl Ether	3.816	74	151804	49.001	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.194	101	244914	53.464	ug/l	99
10) Methyl Iodide	4.411	142	217011	46.675	ug/l	99
11) Tert butyl alcohol	5.390	59	278818	232.884	ug/l	99
12) 1,1-Dichloroethene	4.170	96	225923	51.097	ug/l	97
13) Acrolein	4.036	56	174448	233.431	ug/l	99
14) Allyl chloride	4.830	41	480512	48.980	ug/l	98
15) Acrylonitrile	5.557	53	666064	253.469	ug/l	99
16) Acetone	4.288	43	716382	256.684	ug/l	99
17) Carbon Disulfide	4.516	76	712391	49.884	ug/l	98
18) Methyl Acetate	4.857	43	316784	46.811	ug/l	100
19) Methyl tert-butyl Ether	5.618	73	931689	52.495	ug/l	99
20) Methylene Chloride	5.095	84	268893	46.305	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	248049	50.623	ug/l	98
22) Diisopropyl ether	6.501	45	937163	51.752	ug/l	97
23) Vinyl Acetate	6.434	43	4165649	251.044	ug/l	100
24) 1,1-Dichloroethane	6.383	63	508507	50.057	ug/l	100
25) 2-Butanone	7.340	43	998939	250.483	ug/l	99
26) 2,2-Dichloropropane	7.324	77	523136	50.807	ug/l	100
27) cis-1,2-Dichloroethene	7.324	96	286977	49.774	ug/l	99
28) Bromochloromethane	7.659	49	227217	48.061	ug/l	99
29) Tetrahydrofuran	7.686	42	607386	241.564	ug/l	99
30) Chloroform	7.818	83	533525	50.024	ug/l	97
31) Cyclohexane	8.094	56	471325	47.673	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	495698	50.599	ug/l	99
36) 1,1-Dichloropropene	8.220	75	401364	52.116	ug/l	100
37) Ethyl Acetate	7.415	43	395894	48.520	ug/l	100
38) Carbon Tetrachloride	8.204	117	418401	50.544	ug/l	98
39) Methylcyclohexane	9.462	83	449340	55.127	ug/l	98
40) Benzene	8.459	78	1101596	51.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	212197	50.028	ug/l	99
42) 1,2-Dichloroethane	8.531	62	464576	51.148	ug/l	100
43) Isopropyl Acetate	8.563	43	721324	49.254	ug/l	99
44) Trichloroethene	9.218	130	259657	51.655	ug/l	100
45) 1,2-Dichloropropane	9.491	63	295737	51.584	ug/l	98
46) Dibromomethane	9.580	93	203670	52.216	ug/l	99
47) Bromodichloromethane	9.765	83	445681	50.939	ug/l	97
48) Methyl methacrylate	9.561	41	319156	47.794	ug/l	98
49) 1,4-Dioxane	9.572	88	98120	1073.582	ug/l	97
51) 4-Methyl-2-Pentanone	10.336	43	2087645	247.593	ug/l	100
52) Toluene	10.508	92	703787	52.067	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	503347	51.952	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	511771	52.264	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	262335	50.197	ug/l	98
56) Ethyl methacrylate	10.765	69	485263	51.647	ug/l	100
57) 1,3-Dichloropropane	11.049	76	482746	50.569	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	633896	231.830	ug/l	100
59) 2-Hexanone	11.090	43	1559380	252.435	ug/l	100
60) Dibromochloromethane	11.242	129	294926	51.613	ug/l	98
61) 1,2-Dibromoethane	11.350	107	277690	50.753	ug/l	100
64) Tetrachloroethene	10.980	164	234832	51.626	ug/l	97
65) Chlorobenzene	11.773	112	716647	51.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	266947	51.422	ug/l	99
67) Ethyl Benzene	11.849	91	1434639	52.041	ug/l	99
68) m/p-Xylenes	11.959	106	1017730	103.853	ug/l	100
69) o-Xylene	12.286	106	495907	51.736	ug/l	98
70) Styrene	12.299	104	850104	53.357	ug/l	100
71) Bromoform	12.463	173	203192	51.225	ug/l #	100
73) Isopropylbenzene	12.583	105	1337868	51.412	ug/l	99
74) N-amyl acetate	12.390	43	641334	50.481	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.833	83	383542	49.438	ug/l	100
76) 1,2,3-Trichloropropane	12.886	75	374293m	53.148	ug/l	
77) Bromobenzene	12.865	156	270402	51.025	ug/l	99
78) n-propylbenzene	12.924	91	1633433	52.774	ug/l	99
79) 2-Chlorotoluene	13.013	91	985490	51.135	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	1141142	52.056	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	141394	49.758	ug/l	99
82) 4-Chlorotoluene	13.109	91	1004931	52.370	ug/l	98
83) tert-Butylbenzene	13.329	119	911139	52.200	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	1133076	52.318	ug/l	100
85) sec-Butylbenzene	13.506	105	1314833	53.204	ug/l	100
86) p-Isopropyltoluene	13.621	119	1051671	52.727	ug/l	100
87) 1,3-Dichlorobenzene	13.621	146	510193	53.372	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	501137	52.120	ug/l	99
89) n-Butylbenzene	13.949	91	1021934	54.529	ug/l	100
90) Hexachloroethane	14.217	117	210278	53.911	ug/l	100
91) 1,2-Dichlorobenzene	13.994	146	475112	52.383	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.608	75	90169	46.492	ug/l	99
93) 1,2,4-Trichlorobenzene	15.268	180	264558	55.867	ug/l	99
94) Hexachlorobutadiene	15.375	225	139934	51.457	ug/l	97
95) Naphthalene	15.512	128	804429	48.896	ug/l	100
96) 1,2,3-Trichlorobenzene	15.708	180	243987	53.668	ug/l	99

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

