

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067606.D
 Acq On : 2 Jul 2021 10:07
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:01 AM

Quant Time: Jul 02 11:35:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 11:33:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	413859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	774292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	732118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	312570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	115624	19.869	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	39.740%#		
35) Dibromofluoromethane	8.021	113	82989	17.208	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	34.420%#		
50) Toluene-d8	10.443	98	347585	17.535	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	35.060%#		
62) 4-Bromofluorobenzene	12.734	95	116447	16.610	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	33.220%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	82705	19.229	ug/l	95
3) Chloromethane	2.303	50	110883	21.016	ug/l	99
4) Vinyl Chloride	2.443	62	172387	23.720	ug/l	97
5) Bromomethane	2.856	94	140272	25.966	ug/l	99
6) Chloroethane	3.019	64	132306	25.624	ug/l	97
7) Trichlorofluoromethane	3.371	101	341869	25.946	ug/l	98
8) Diethyl Ether	3.821	74	98867	31.611	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.199	101	72539	17.861	ug/l	97
10) Methyl Iodide	4.419	142	85336	16.085	ug/l	92
11) Tert butyl alcohol	5.388	59	79408	94.325	ug/l #	82
12) 1,1-Dichloroethene	4.175	96	70371	17.681	ug/l	88
13) Acrolein	4.041	56	63523	104.000	ug/l	99
14) Allyl chloride	4.835	41	123363	18.688	ug/l	92
15) Acrylonitrile	5.562	53	207236	94.947	ug/l	99
16) Acetone	4.291	43	180485	95.737	ug/l	97
17) Carbon Disulfide	4.521	76	192076	17.108	ug/l	98
18) Methyl Acetate	4.859	43	95212	18.956	ug/l	96
19) Methyl tert-butyl Ether	5.621	73	279245	18.147	ug/l	100
20) Methylene Chloride	5.098	84	88350	16.559	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	80946	17.861	ug/l	89
22) Diisopropyl ether	6.503	45	292303	20.048	ug/l	97
23) Vinyl Acetate	6.436	43	1238645m	101.138	ug/l	
24) 1,1-Dichloroethane	6.388	63	159570	19.063	ug/l	99
25) 2-Butanone	7.340	43	306069	103.850	ug/l	95
26) 2,2-Dichloropropane	7.327	77	140176	18.161	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	101313	18.363	ug/l	88
28) Bromochloromethane	7.659	49	82128	20.697	ug/l	86
29) Tetrahydrofuran	7.691	42	207333	105.633	ug/l	96
30) Chloroform	7.820	83	178787	19.313	ug/l	100
31) Cyclohexane	8.096	56	157314	18.811	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	158917	18.970	ug/l	99
36) 1,1-Dichloropropene	8.222	75	130831	18.514	ug/l	96
37) Ethyl Acetate	7.418	43	126035	19.350	ug/l	99
38) Carbon Tetrachloride	8.206	117	130920	17.485	ug/l	99
39) Methylcyclohexane	9.459	83	146442	17.406	ug/l	91
40) Benzene	8.461	78	392472	18.348	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	62034	19.171	ug/l	89
42) 1,2-Dichloroethane	8.531	62	148341	19.843	ug/l	97
43) Isopropyl Acetate	8.566	43	227491	20.270	ug/l	99
44) Trichloroethene	9.217	130	99642	18.085	ug/l	91
45) 1,2-Dichloropropane	9.491	63	99730	18.684	ug/l	100
46) Dibromomethane	9.580	93	71076	18.608	ug/l	95
47) Bromodichloromethane	9.762	83	137996	18.346	ug/l	98
48) Methyl methacrylate	9.563	41	94847	19.246	ug/l	91
49) 1,4-Dioxane	9.572	88	33272	355.765	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	690918	101.323	ug/l	97
52) Toluene	10.508	92	255937	18.212	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	141689	17.672	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	154819	18.183	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	99492	18.300	ug/l	97
56) Ethyl methacrylate	10.765	69	149992	18.086	ug/l	96
57) 1,3-Dichloropropane	11.047	76	166692	18.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	133945	82.261	ug/l	94
59) 2-Hexanone	11.089	43	474598	98.373	ug/l	96
60) Dibromochloromethane	11.240	129	100763	17.520	ug/l	100
61) 1,2-Dibromoethane	11.350	107	101463	18.136	ug/l	99
64) Tetrachloroethene	10.980	164	98447	19.241	ug/l	95
65) Chlorobenzene	11.773	112	271245	17.984	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	98046	18.152	ug/l	99
67) Ethyl Benzene	11.848	91	508540	18.575	ug/l	98
68) m/p-Xylenes	11.956	106	387580	36.638	ug/l	88
69) o-Xylene	12.283	106	190320	18.220	ug/l	88
70) Styrene	12.299	104	303502	17.953	ug/l	94
71) Bromoform	12.460	173	62285	16.415	ug/l #	97
73) Isopropylbenzene	12.581	105	489301	18.613	ug/l	98
74) N-amyl acetate	12.390	43	173667	19.941	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	140628	18.905	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	121849m	19.671	ug/l	
77) Bromobenzene	12.865	156	105677	18.191	ug/l	78
78) n-propylbenzene	12.924	91	544785	18.565	ug/l	97
79) 2-Chlorotoluene	13.010	91	336149	18.716	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	399683	18.541	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	34505	16.059	ug/l	97
82) 4-Chlorotoluene	13.109	91	329677	18.761	ug/l	94
83) tert-Butylbenzene	13.326	119	331776	17.817	ug/l	92
84) 1,2,4-Trimethylbenzene	13.372	105	394182	18.581	ug/l	95
85) sec-Butylbenzene	13.503	105	459238	17.968	ug/l	98
86) p-Isopropyltoluene	13.619	119	367448	17.917	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	196104	18.157	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	196889	18.389	ug/l	96
89) n-Butylbenzene	13.946	91	304226	17.877	ug/l	98
90) Hexachloroethane	14.214	117	60550	16.861	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	193489	18.764	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23834	18.346	ug/l	75
93) 1,2,4-Trichlorobenzene	15.268	180	77706	17.549	ug/l	97
94) Hexachlorobutadiene	15.373	225	38604	19.823	ug/l	99
95) Naphthalene	15.507	128	227721	16.326	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	75506	17.450	ug/l	98

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

