

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067634.D
 Acq On : 7 Jul 2021 14:56
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:03:00 PM

Quant Time: Jul 07 15:46:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 15:42:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	384484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	728952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	711508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	315548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	116178	20.281	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	40.560%#		
35) Dibromofluoromethane	8.021	113	80365	17.812	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	35.620%#		
50) Toluene-d8	10.443	98	343013	18.046	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	36.100%#		
62) 4-Bromofluorobenzene	12.733	95	119898	17.646	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	35.300%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	63741	15.893	ug/l	97
3) Chloromethane	2.301	50	101333	19.580	ug/l	100
4) Vinyl Chloride	2.443	62	152362	19.122	ug/l	97
5) Bromomethane	2.850	94	124353	19.847	ug/l	97
6) Chloroethane	3.017	64	113772	18.537	ug/l	98
7) Trichlorofluoromethane	3.371	101	278359	18.267	ug/l	98
8) Diethyl Ether	3.813	74	68750	17.304	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.205	101	67805	19.004	ug/l	96
10) Methyl Iodide	4.417	142	82418	18.322	ug/l	# 89
11) Tert butyl alcohol	5.393	59	75549	94.832	ug/l	100
12) 1,1-Dichloroethene	4.178	96	65399	19.262	ug/l	89
13) Acrolein	4.041	56	39637	65.339	ug/l	98
14) Allyl chloride	4.838	41	119068	19.639	ug/l	92
15) Acrylonitrile	5.559	53	204769	99.657	ug/l	99
16) Acetone	4.291	43	168403	92.454	ug/l	94
17) Carbon Disulfide	4.521	76	177100	18.372	ug/l	100
18) Methyl Acetate	4.862	43	94022	20.110	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	271617	19.425	ug/l	99
20) Methylene Chloride	5.095	84	85345	18.875	ug/l	93
21) trans-1,2-Dichloroethene	5.594	96	77920	18.952	ug/l	89
22) Diisopropyl ether	6.498	45	282355	19.872	ug/l	96
23) Vinyl Acetate	6.436	43	1200678m	98.751	ug/l	
24) 1,1-Dichloroethane	6.388	63	153892	19.832	ug/l	98
25) 2-Butanone	7.343	43	298330	101.200	ug/l	96
26) 2,2-Dichloropropane	7.327	77	133360	18.924	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	98250	19.772	ug/l	87
28) Bromochloromethane	7.657	49	72871	19.416	ug/l	85
29) Tetrahydrofuran	7.689	42	198885	101.214	ug/l	94
30) Chloroform	7.820	83	173621	19.604	ug/l	98
31) Cyclohexane	8.096	56	153085	19.292	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	152695	19.849	ug/l	99
36) 1,1-Dichloropropene	8.222	75	128152	18.650	ug/l	97
37) Ethyl Acetate	7.415	43	125986	19.055	ug/l	98
38) Carbon Tetrachloride	8.206	117	125688	18.172	ug/l	99
39) Methylcyclohexane	9.461	83	139837	18.548	ug/l	93
40) Benzene	8.461	78	387099	19.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	65437	19.926	ug/l	96
42) 1,2-Dichloroethane	8.531	62	144863	19.382	ug/l	98
43) Isopropyl Acetate	8.566	43	224082	19.493	ug/l	97
44) Trichloroethene	9.217	130	95357	18.723	ug/l	92
45) 1,2-Dichloropropane	9.494	63	99147	19.528	ug/l	99
46) Dibromomethane	9.579	93	70406	19.126	ug/l	97
47) Bromodichloromethane	9.765	83	136904	19.320	ug/l	96
48) Methyl methacrylate	9.563	41	96061	19.001	ug/l	90
49) 1,4-Dioxane	9.574	88	34887	383.687	ug/l	93
51) 4-Methyl-2-Pentanone	10.333	43	691336	98.228	ug/l	96
52) Toluene	10.507	92	255941	18.879	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	142263	18.972	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	151170	18.707	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	99012	18.925	ug/l	98
56) Ethyl methacrylate	10.765	69	153174	18.968	ug/l	94
57) 1,3-Dichloropropane	11.047	76	172300	19.854	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	151971	94.709	ug/l	95
59) 2-Hexanone	11.089	43	486635	98.506	ug/l	94
60) Dibromochloromethane	11.240	129	98182	18.235	ug/l	99
61) 1,2-Dibromoethane	11.347	107	100779	18.684	ug/l	99
64) Tetrachloroethene	10.977	164	92423	18.371	ug/l	98
65) Chlorobenzene	11.773	112	275131	18.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	100167	19.276	ug/l	100
67) Ethyl Benzene	11.846	91	510486	19.317	ug/l	97
68) m/p-Xylenes	11.956	106	384940	38.146	ug/l	89
69) o-Xylene	12.283	106	191163	19.127	ug/l	87
70) Styrene	12.296	104	305122	18.855	ug/l	93
71) Bromoform	12.460	173	64726	17.462	ug/l #	100
73) Isopropylbenzene	12.581	105	491445	18.914	ug/l	98
74) N-amyl acetate	12.390	43	177708	19.371	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	142806	19.213	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	125168m	20.057	ug/l	
77) Bromobenzene	12.862	156	105025	17.814	ug/l	81
78) n-propylbenzene	12.924	91	556061	19.272	ug/l	98
79) 2-Chlorotoluene	13.010	91	338091	19.077	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	406505	19.451	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	37577	17.952	ug/l	100
82) 4-Chlorotoluene	13.109	91	331855	19.054	ug/l	94
83) tert-Butylbenzene	13.326	119	341950	19.325	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	397114	19.378	ug/l	95
85) sec-Butylbenzene	13.503	105	468319	19.249	ug/l	97
86) p-Isopropyltoluene	13.619	119	377621	19.198	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	197442	18.576	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	198302	18.722	ug/l	97
89) n-Butylbenzene	13.946	91	320921	19.630	ug/l	98
90) Hexachloroethane	14.214	117	62383	19.053	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	192729	18.600	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	26104	21.005	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	83773	18.545	ug/l	97
94) Hexachlorobutadiene	15.373	225	39930	18.772	ug/l	99
95) Naphthalene	15.507	128	246675	19.011	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	79757	19.074	ug/l	98

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

