

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083021\
 Data File : VN068356.D
 Acq On : 30 Aug 2021 13:46
 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
 8/31/2021 5:42:16 PM

Quant Time: Aug 31 01:45:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 01:43:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	559874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	848154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	798913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	381655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	120317	20.925	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	41.840%#		
35) Dibromofluoromethane	8.024	113	109244	20.709	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	41.420%#		
50) Toluene-d8	10.443	98	405375	19.921	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	12.733	95	129720	19.335	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	38.660%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	99246	20.702	ug/l	98
3) Chloromethane	2.303	50	101561	20.541	ug/l	98
4) Vinyl Chloride	2.443	62	159442	21.390	ug/l	100
5) Bromomethane	2.858	94	149608	20.809	ug/l	98
6) Chloroethane	3.019	64	111527	20.859	ug/l	98
7) Trichlorofluoromethane	3.373	101	314953	21.519	ug/l	100
8) Diethyl Ether	3.821	74	94658	21.732	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.199	101	95013	19.854	ug/l	98
10) Methyl Iodide	4.417	142	128631	21.139	ug/l	99
11) Tert butyl alcohol	5.390	59	75648	104.873	ug/l #	89
12) 1,1-Dichloroethene	4.173	96	91951	21.071	ug/l	99
13) Acrolein	4.038	56	47854	95.448	ug/l	96
14) Allyl chloride	4.838	41	116004	20.697	ug/l	99
15) Acrylonitrile	5.559	53	214231	102.803	ug/l	99
16) Acetone	4.291	43	179679	93.349	ug/l	96
17) Carbon Disulfide	4.521	76	241517	19.763	ug/l	99
18) Methyl Acetate	4.859	43	99846	18.798	ug/l	100
19) Methyl tert-butyl Ether	5.618	73	303298	21.294	ug/l	98
20) Methylene Chloride	5.095	84	110246	18.958	ug/l	99
21) trans-1,2-Dichloroethene	5.597	96	100616	20.225	ug/l	96
22) Diisopropyl ether	6.501	45	261134	21.719	ug/l	99
23) Vinyl Acetate	6.439	43	1001773	123.030	ug/l	99
24) 1,1-Dichloroethane	6.388	63	165441	20.418	ug/l	98
25) 2-Butanone	7.343	43	271707	99.505	ug/l	98
26) 2,2-Dichloropropane	7.327	77	156457	20.457	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	121450	20.689	ug/l	98
28) Bromochloromethane	7.659	49	58416	17.780	ug/l	94
29) Tetrahydrofuran	7.691	42	182226	106.812	ug/l	97
30) Chloroform	7.820	83	200064	20.830	ug/l	99
31) Cyclohexane	8.094	56	156793	20.670	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	183515	20.582	ug/l	98
36) 1,1-Dichloropropene	8.220	75	138858	20.668	ug/l	97
37) Ethyl Acetate	7.418	43	114785	20.096	ug/l	98
38) Carbon Tetrachloride	8.206	117	166047	20.479	ug/l	99
39) Methylcyclohexane	9.461	83	174498	20.617	ug/l	95
40) Benzene	8.461	78	436765	20.726	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	53234	19.654	ug/l	96
42) 1,2-Dichloroethane	8.533	62	146999	20.744	ug/l	99
43) Isopropyl Acetate	8.566	43	193797	20.802	ug/l	98
44) Trichloroethene	9.217	130	129426	20.064	ug/l	97
45) 1,2-Dichloropropane	9.494	63	101388	20.666	ug/l	97
46) Dibromomethane	9.579	93	82948	20.458	ug/l	95
47) Bromodichloromethane	9.764	83	158063	21.008	ug/l	96
48) Methyl methacrylate	9.563	41	82792	20.691	ug/l	95
49) 1,4-Dioxane	9.574	88	37408	367.817	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	607588	102.316	ug/l	97
52) Toluene	10.510	92	294779	20.603	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	156512	20.482	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	166115	20.607	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	118256	20.464	ug/l	98
56) Ethyl methacrylate	10.762	69	147259	19.832	ug/l	95
57) 1,3-Dichloropropane	11.046	76	180301	20.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	97233	90.644	ug/l	99
59) 2-Hexanone	11.089	43	408720	90.835	ug/l	98
60) Dibromochloromethane	11.240	129	136937	20.690	ug/l	100
61) 1,2-Dibromoethane	11.347	107	125011	20.446	ug/l	100
64) Tetrachloroethene	10.979	164	128296	20.267	ug/l	96
65) Chlorobenzene	11.773	112	330367	19.851	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	133489	20.981	ug/l	99
67) Ethyl Benzene	11.848	91	551853	20.453	ug/l	100
68) m/p-Xylenes	11.956	106	460763	42.164	ug/l	100
69) o-Xylene	12.283	106	220512	21.124	ug/l	97
70) Styrene	12.296	104	352258	20.849	ug/l	99
71) Bromoform	12.460	173	105906	20.476	ug/l #	98
73) Isopropylbenzene	12.583	105	563108	20.013	ug/l	100
74) N-amyl acetate	12.390	43	134935	15.752	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	161718	19.025	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	134586m	22.203	ug/l	
77) Bromobenzene	12.865	156	152688	18.702	ug/l	96
78) n-propylbenzene	12.924	91	601929	19.602	ug/l	99
79) 2-Chlorotoluene	13.010	91	370452	19.874	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	477261	20.593	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	38419	19.496	ug/l	93
82) 4-Chlorotoluene	13.109	91	349518	18.822	ug/l	99
83) tert-Butylbenzene	13.326	119	424206	20.236	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	468090	20.377	ug/l	99
85) sec-Butylbenzene	13.503	105	568024	20.027	ug/l	100
86) p-Isopropyltoluene	13.618	119	470691	19.823	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	265743	18.383	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	259756	17.214	ug/l	99
89) n-Butylbenzene	13.946	91	330578	16.904	ug/l	99
90) Hexachloroethane	14.211	117	85953	19.611	ug/l	92
91) 1,2-Dichlorobenzene	13.991	146	254449	18.116	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	26161	16.564	ug/l	89
93) 1,2,4-Trichlorobenzene	15.265	180	115194	12.599	ug/l	99
94) Hexachlorobutadiene	15.372	225	69559	17.231	ug/l	99
95) Naphthalene	15.509	128	258394	9.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	109556	11.453	ug/l	98

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

