

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083121\
 Data File : VN068376.D
 Acq On : 31 Aug 2021 17:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:42:59 PM

Quant Time: Sep 01 02:07:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 02:20:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	657081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	943451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	898881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	467249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	285910	42.630	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.260%		
35) Dibromofluoromethane	8.024	113	273322	45.693	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.380%		
50) Toluene-d8	10.443	98	1026982	45.864	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.720%		
62) 4-Bromofluorobenzene	12.734	95	343114	46.691	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	242411	44.332	ug/l	99
3) Chloromethane	2.306	50	231946	40.476	ug/l	97
4) Vinyl Chloride	2.445	62	385125	44.077	ug/l	98
5) Bromomethane	2.821	94	409932	57.080	ug/l	97
6) Chloroethane	3.001	64	277717	44.341	ug/l	99
7) Trichlorofluoromethane	3.368	101	462996	26.666	ug/l	100
8) Diethyl Ether	3.832	74	144477	28.888	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	263715	48.125	ug/l	98
10) Methyl Iodide	4.425	142	400003	57.208	ug/l	100
11) Tert butyl alcohol	5.372	59	231604	264.087	ug/l	99
12) 1,1-Dichloroethene	4.186	96	245676	47.951	ug/l	100
13) Acrolein	4.044	56	122562	215.174	ug/l	96
14) Allyl chloride	4.843	41	306263	47.519	ug/l	99
15) Acrylonitrile	5.557	53	554609	231.298	ug/l	100
16) Acetone	4.288	43	429983	241.252	ug/l	99
17) Carbon Disulfide	4.535	76	621614	44.995	ug/l	99
18) Methyl Acetate	4.857	43	264139	52.828	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	826324	49.900	ug/l	100
20) Methylene Chloride	5.101	84	272566	49.097	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	275754	48.095	ug/l	97
22) Diisopropyl ether	6.498	45	695911	49.420	ug/l	100
23) Vinyl Acetate	6.434	43	2728936	251.302	ug/l	100
24) 1,1-Dichloroethane	6.391	63	444286	47.338	ug/l	99
25) 2-Butanone	7.337	43	716504	233.058	ug/l	100
26) 2,2-Dichloropropane	7.329	77	409668	46.874	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	329940	49.135	ug/l	100
28) Bromochloromethane	7.659	49	175563	44.248	ug/l	99
29) Tetrahydrofuran	7.686	42	481353	244.288	ug/l	99
30) Chloroform	7.820	83	540784	48.008	ug/l	99
31) Cyclohexane	8.096	56	410057	46.397	ug/l	98
32) 1,1,1-Trichloroethane	8.019	97	505471	48.642	ug/l	99
36) 1,1-Dichloropropene	8.225	75	380301	50.685	ug/l	98
37) Ethyl Acetate	7.415	43	304758	48.755	ug/l	99
38) Carbon Tetrachloride	8.209	117	465539	51.918	ug/l	96
39) Methylcyclohexane	9.462	83	496737	53.118	ug/l	99
40) Benzene	8.461	78	1172795	50.601	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	149081	50.914	ug/l	97
42) 1,2-Dichloroethane	8.531	62	389252	50.110	ug/l	99
43) Isopropyl Acetate	8.563	43	528951	52.307	ug/l	100
44) Trichloroethene	9.220	130	361803	50.561	ug/l	99
45) 1,2-Dichloropropane	9.491	63	273199	50.779	ug/l	97
46) Dibromomethane	9.580	93	226825	51.749	ug/l	100
47) Bromodichloromethane	9.765	83	423176	50.533	ug/l	98
48) Methyl methacrylate	9.561	41	237598	53.702	ug/l	99
49) 1,4-Dioxane	9.571	88	108666	1042.017	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	1609330	254.657	ug/l	100
52) Toluene	10.507	92	821101	52.673	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	432258	51.939	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	462411	52.324	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	323678	51.375	ug/l	98
56) Ethyl methacrylate	10.762	69	431097	47.603	ug/l	100
57) 1,3-Dichloropropane	11.047	76	491758	51.871	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	316722	200.700	ug/l	98
59) 2-Hexanone	11.087	43	1134636	257.904	ug/l	100
60) Dibromochloromethane	11.242	129	396850	54.696	ug/l	100
61) 1,2-Dibromoethane	11.350	107	351699	52.843	ug/l	100
64) Tetrachloroethene	10.980	164	377371	53.749	ug/l	99
65) Chlorobenzene	11.773	112	919543	50.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	380618	54.035	ug/l	99
67) Ethyl Benzene	11.848	91	1560289	52.863	ug/l	99
68) m/p-Xylenes	11.956	106	1287616	108.291	ug/l	100
69) o-Xylene	12.283	106	627870	54.890	ug/l	100
70) Styrene	12.296	104	1009889	56.083	ug/l	99
71) Bromoform	12.460	173	321003	47.506	ug/l #	100
73) Isopropylbenzene	12.581	105	1615914	48.188	ug/l	99
74) N-amyl acetate	12.390	43	396727	47.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	428927	42.716	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	332715m	41.898	ug/l	
77) Bromobenzene	12.862	156	457331	48.194	ug/l	98
78) n-propylbenzene	12.924	91	1738480	48.940	ug/l	100
79) 2-Chlorotoluene	13.010	91	1019028	46.373	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1352643	49.640	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	112269	46.711	ug/l	98
82) 4-Chlorotoluene	13.106	91	1006868	47.447	ug/l	99
83) tert-Butylbenzene	13.326	119	1219792	48.873	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	1330176	49.905	ug/l	99
85) sec-Butylbenzene	13.503	105	1659022	50.537	ug/l	100
86) p-Isopropyltoluene	13.619	119	1432747	52.780	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	803257	49.688	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	782766	48.656	ug/l	99
89) n-Butylbenzene	13.943	91	1053086	51.464	ug/l	100
90) Hexachloroethane	14.214	117	235504	45.028	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	768153	50.058	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	75488	48.413	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	424604	50.862	ug/l	99
94) Hexachlorobutadiene	15.373	225	245968	55.229	ug/l	99
95) Naphthalene	15.507	128	936386	48.761	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	404363	50.980	ug/l	99

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

