

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083121\
 Data File : VN068367.D
 Acq On : 31 Aug 2021 14:27
 Operator : JC/MD
 Sample : VN0831WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:42:58 PM

Quant Time: Sep 01 02:05:59 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	559885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	825631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	777518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	387967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	318803	55.786	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	111.580%	
35) Dibromofluoromethane	8.024	113	285114	54.466	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	108.940%	
50) Toluene-d8	10.443	98	1054423	53.809	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	107.620%	
62) 4-Bromofluorobenzene	12.733	95	344941	53.638	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	107.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.078	85	95717	20.543	ug/l	98
3) Chloromethane	2.309	50	93753	19.200	ug/l	98
4) Vinyl Chloride	2.445	62	142899	19.194	ug/l	98
5) Bromomethane	2.845	94	131945	19.199	ug/l	99
6) Chloroethane	3.014	64	107275	20.101	ug/l	98
7) Trichlorofluoromethane	3.376	101	179793	12.153	ug/l	98
8) Diethyl Ether	3.829	74	59672	14.003	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.218	101	101581	21.755	ug/l	99
10) Methyl Iodide	4.430	142	137473	23.074	ug/l	99
11) Tert butyl alcohol	5.366	59	102840	137.621	ug/l #	86
12) 1,1-Dichloroethene	4.191	96	92250	21.131	ug/l	98
13) Acrolein	4.044	56	44266	91.206	ug/l	100
14) Allyl chloride	4.848	41	117204	21.342	ug/l	98
15) Acrylonitrile	5.556	53	220614	107.979	ug/l	99
16) Acetone	4.293	43	184341	114.125	ug/l	100
17) Carbon Disulfide	4.537	76	236754	20.112	ug/l	99
18) Methyl Acetate	4.859	43	112142	25.183	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	324428	22.993	ug/l	99
20) Methylene Chloride	5.103	84	109890	22.125	ug/l	94
21) trans-1,2-Dichloroethene	5.605	96	103850	21.257	ug/l	97
22) Diisopropyl ether	6.500	45	265904	22.161	ug/l	99
23) Vinyl Acetate	6.436	43	1028113	111.113	ug/l	97
24) 1,1-Dichloroethane	6.393	63	171715	21.472	ug/l	98
25) 2-Butanone	7.337	43	282779	107.947	ug/l	99
26) 2,2-Dichloropropane	7.329	77	154466	20.742	ug/l	100
27) cis-1,2-Dichloroethene	7.332	96	123024	21.501	ug/l	99
28) Bromochloromethane	7.659	49	64306	19.021	ug/l	93
29) Tetrahydrofuran	7.689	42	188942	112.535	ug/l	98
30) Chloroform	7.820	83	201936	21.039	ug/l	99
31) Cyclohexane	8.096	56	153275	20.353	ug/l	97
32) 1,1,1-Trichloroethane	8.018	97	187419	21.167	ug/l	99
36) 1,1-Dichloropropene	8.222	75	142463	21.696	ug/l	99
37) Ethyl Acetate	7.415	43	118092	21.588	ug/l	97
38) Carbon Tetrachloride	8.209	117	164342	20.943	ug/l	99
39) Methylcyclohexane	9.461	83	174650	21.341	ug/l	98
40) Benzene	8.464	78	431642	21.281	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	53460	20.863	ug/l	96
42) 1,2-Dichloroethane	8.531	62	153514	22.583	ug/l	98
43) Isopropyl Acetate	8.560	43	197919	22.365	ug/l	99
44) Trichloroethene	9.220	130	133196	21.270	ug/l	96
45) 1,2-Dichloropropane	9.491	63	102541	21.779	ug/l	99
46) Dibromomethane	9.579	93	84444	22.015	ug/l	97
47) Bromodichloromethane	9.764	83	157601	21.505	ug/l	98
48) Methyl methacrylate	9.561	41	83541	21.576	ug/l	97
49) 1,4-Dioxane	9.571	88	42177	462.158	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	603703	109.161	ug/l	99
52) Toluene	10.507	92	299503	21.955	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	157104	21.571	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	167720	21.687	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	119636	21.699	ug/l	99
56) Ethyl methacrylate	10.762	69	153839	20.392	ug/l	98
57) 1,3-Dichloropropane	11.046	76	181624	21.892	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	72081	66.614	ug/l	99
59) 2-Hexanone	11.087	43	419483	108.956	ug/l	99
60) Dibromochloromethane	11.240	129	139167	21.918	ug/l	99
61) 1,2-Dibromoethane	11.350	107	127273	21.852	ug/l	100
64) Tetrachloroethene	10.979	164	132856	21.876	ug/l	97
65) Chlorobenzene	11.773	112	328567	21.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	132503	21.747	ug/l	99
67) Ethyl Benzene	11.848	91	541745	21.219	ug/l	99
68) m/p-Xylenes	11.956	106	445011	43.268	ug/l	99
69) o-Xylene	12.283	106	216334	21.864	ug/l	98
70) Styrene	12.296	104	341593	21.931	ug/l	99
71) Bromoform	12.460	173	106770	19.462	ug/l #	99
73) Isopropylbenzene	12.581	105	546932	19.643	ug/l	100
74) N-amyl acetate	12.390	43	139351	20.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	162988	19.549	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	125944m	19.101	ug/l	
77) Bromobenzene	12.865	156	155049	19.678	ug/l	97
78) n-propylbenzene	12.924	91	596212	20.214	ug/l	100
79) 2-Chlorotoluene	13.010	91	360539	19.760	ug/l	97
80) 1,3,5-Trimethylbenzene	13.063	105	464738	20.541	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	37531	18.806	ug/l	95
82) 4-Chlorotoluene	13.106	91	353163	20.043	ug/l	100
83) tert-Butylbenzene	13.326	119	411367	19.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	453115	20.474	ug/l	99
85) sec-Butylbenzene	13.503	105	555161	20.367	ug/l	100
86) p-Isopropyltoluene	13.618	119	471931	20.938	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	274724	20.467	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	275510	20.625	ug/l	98
89) n-Butylbenzene	13.946	91	343436	20.213	ug/l	98
90) Hexachloroethane	14.214	117	79687	18.350	ug/l	92
91) 1,2-Dichlorobenzene	13.991	146	263810	20.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	27386	21.153	ug/l	91
93) 1,2,4-Trichlorobenzene	15.265	180	125489	19.525	ug/l	100
94) Hexachlorobutadiene	15.372	225	74599	20.173	ug/l	98
95) Naphthalene	15.509	128	279686	19.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	118430	19.273	ug/l	98

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

