

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083121\
 Data File : VN068366.D
 Acq On : 31 Aug 2021 13:51
 Operator : JC/MD
 Sample : VN0831WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:42:56 PM

Quant Time: Sep 01 02:03:47 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	8.091	168	581299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	854570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	794493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	394722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	316125	53.280	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.560%
35) Dibromofluoromethane	8.024	113	286971	52.964	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.920%
50) Toluene-d8	10.443	98	1080369	53.266	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.734	95	351087	52.745	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	97173	20.088	ug/l	98
3) Chloromethane	2.309	50	95008	18.741	ug/l	97
4) Vinyl Chloride	2.448	62	152161	19.685	ug/l	98
5) Bromomethane	2.840	94	142645	20.148	ug/l	100
6) Chloroethane	3.011	64	114010	20.576	ug/l	99
7) Trichlorofluoromethane	3.374	101	188598	12.278	ug/l	98
8) Diethyl Ether	3.829	74	54828	12.392	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	108188	22.317	ug/l	97
10) Methyl Iodide	4.428	142	134711	21.778	ug/l	99
11) Tert butyl alcohol	5.366	59	95933	123.649	ug/l	97
12) 1,1-Dichloroethene	4.189	96	97002	21.401	ug/l	100
13) Acrolein	4.049	56	44412	88.136	ug/l	98
14) Allyl chloride	4.849	41	119422	20.945	ug/l	98
15) Acrylonitrile	5.557	53	215188	101.443	ug/l	100
16) Acetone	4.291	43	190498	113.524	ug/l	98
17) Carbon Disulfide	4.537	76	245212	20.064	ug/l	99
18) Methyl Acetate	4.862	43	105589	22.627	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	311844	21.287	ug/l	100
20) Methylene Chloride	5.095	84	107522	20.729	ug/l	97
21) trans-1,2-Dichloroethene	5.605	96	107186	21.132	ug/l	98
22) Diisopropyl ether	6.498	45	264267	21.213	ug/l	99
23) Vinyl Acetate	6.436	43	1008202	104.947	ug/l	99
24) 1,1-Dichloroethane	6.391	63	174107	20.969	ug/l	100
25) 2-Butanone	7.337	43	283901	104.383	ug/l	99
26) 2,2-Dichloropropane	7.327	77	160666	20.780	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	125064	21.053	ug/l	100
28) Bromochloromethane	7.659	49	62512	17.809	ug/l	95
29) Tetrahydrofuran	7.686	42	188156	107.939	ug/l	97
30) Chloroform	7.820	83	203228	20.393	ug/l	99
31) Cyclohexane	8.096	56	158947	20.329	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	193927	21.095	ug/l	99
36) 1,1-Dichloropropene	8.225	75	144721	21.294	ug/l	99
37) Ethyl Acetate	7.413	43	113147	19.984	ug/l	98
38) Carbon Tetrachloride	8.209	117	169941	20.923	ug/l	98
39) Methylcyclohexane	9.464	83	184654	21.800	ug/l	98
40) Benzene	8.461	78	442555	21.080	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	54897	20.698	ug/l	95
42) 1,2-Dichloroethane	8.531	62	152335	21.650	ug/l	99
43) Isopropyl Acetate	8.560	43	199350	21.764	ug/l	98
44) Trichloroethene	9.218	130	132651	20.466	ug/l	92
45) 1,2-Dichloropropane	9.491	63	104130	21.367	ug/l	98
46) Dibromomethane	9.580	93	84818	21.363	ug/l	96
47) Bromodichloromethane	9.762	83	161051	21.232	ug/l	99
48) Methyl methacrylate	9.561	41	86459	21.574	ug/l	98
49) 1,4-Dioxane	9.569	88	41453	438.843	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	602860	105.317	ug/l	99
52) Toluene	10.508	92	306156	21.682	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	158271	20.995	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	168619	21.065	ug/l	100
55) 1,1,2-Trichloroethane	10.902	97	119795	20.992	ug/l	98
56) Ethyl methacrylate	10.762	69	152560	19.607	ug/l	99
57) 1,3-Dichloropropane	11.047	76	178916	20.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	73101	65.662	ug/l	99
59) 2-Hexanone	11.087	43	415539	104.276	ug/l	99
60) Dibromochloromethane	11.240	129	138625	21.093	ug/l	100
61) 1,2-Dibromoethane	11.347	107	127619	21.169	ug/l	99
64) Tetrachloroethene	10.982	164	134422	21.661	ug/l	98
65) Chlorobenzene	11.773	112	337829	21.172	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	134978	21.680	ug/l	99
67) Ethyl Benzene	11.849	91	561340	21.517	ug/l	99
68) m/p-Xylenes	11.956	106	459781	43.749	ug/l	98
69) o-Xylene	12.283	106	224570	22.212	ug/l	99
70) Styrene	12.296	104	353201	22.192	ug/l	100
71) Bromoform	12.460	173	105141	18.826	ug/l #	98
73) Isopropylbenzene	12.581	105	573892	20.258	ug/l	100
74) N-amyl acetate	12.388	43	136185	19.234	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	160585	18.931	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	133458m	19.894	ug/l	
77) Bromobenzene	12.862	156	156965	19.581	ug/l	97
78) n-propylbenzene	12.924	91	627988	20.927	ug/l	99
79) 2-Chlorotoluene	13.013	91	373828	20.138	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	485828	21.105	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	37527	18.483	ug/l	93
82) 4-Chlorotoluene	13.106	91	369238	20.597	ug/l	98
83) tert-Butylbenzene	13.326	119	434022	20.585	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	462782	20.553	ug/l	99
85) sec-Butylbenzene	13.503	105	585408	21.109	ug/l	100
86) p-Isopropyltoluene	13.619	119	493840	21.535	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	280103	20.510	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	275891	20.300	ug/l	99
89) n-Butylbenzene	13.946	91	353516	20.450	ug/l	99
90) Hexachloroethane	14.214	117	82640	18.704	ug/l	92
91) 1,2-Dichlorobenzene	13.991	146	267287	20.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	27620	20.969	ug/l	88
93) 1,2,4-Trichlorobenzene	15.265	180	124397	19.080	ug/l	99
94) Hexachlorobutadiene	15.373	225	80823	21.482	ug/l	98
95) Naphthalene	15.509	128	262285	17.734	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	120560	19.283	ug/l	98

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

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