

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083021\
 Data File : VN068358.D
 Acq On : 30 Aug 2021 14:35
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:42:19 PM

Quant Time: Aug 31 01:45:55 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	8.085	168	773079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1066022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1075391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	545421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	709224	89.326	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 178.660%#	
35) Dibromofluoromethane	8.021	113	687795	103.737	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 207.480%#	
50) Toluene-d8	10.443	98	2687666	105.082	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 210.160%#	
62) 4-Bromofluorobenzene	12.733	95	937408	111.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 222.340%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	594716	89.842	ug/l	99
3) Chloromethane	2.298	50	571632	83.728	ug/l	99
4) Vinyl Chloride	2.440	62	877099	85.216	ug/l	100
5) Bromomethane	2.821	94	818760	82.475	ug/l	98
6) Chloroethane	2.990	64	564531	76.465	ug/l	99
7) Trichlorofluoromethane	3.357	101	1693441	83.792	ug/l	99
8) Diethyl Ether	3.818	74	555610	92.379	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.191	101	565411	85.565	ug/l	99
10) Methyl Iodide	4.409	142	886556	105.516	ug/l	99
11) Tert butyl alcohol	5.393	59	489944	491.905	ug/l	98
12) 1,1-Dichloroethene	4.167	96	535328	88.842	ug/l	98
13) Acrolein	4.036	56	313629	453.033	ug/l	97
14) Allyl chloride	4.830	41	706641	91.305	ug/l	97
15) Acrylonitrile	5.556	53	1333465	463.418	ug/l	99
16) Acetone	4.288	43	1003869	377.706	ug/l	100
17) Carbon Disulfide	4.518	76	1503758	89.116	ug/l	100
18) Methyl Acetate	4.854	43	568860	77.563	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	1900880	96.653	ug/l	99
20) Methylene Chloride	5.087	84	635057	79.087	ug/l	96
21) trans-1,2-Dichloroethene	5.589	96	645545	93.977	ug/l	99
22) Diisopropyl ether	6.500	45	1557618	93.823	ug/l	97
23) Vinyl Acetate	6.433	43	6259874	556.768	ug/l	99
24) 1,1-Dichloroethane	6.382	63	991381	88.611	ug/l	100
25) 2-Butanone	7.340	43	1668664	442.568	ug/l	97
26) 2,2-Dichloropropane	7.324	77	941078	89.113	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	759303	93.673	ug/l	99
28) Bromochloromethane	7.659	49	453369	99.934	ug/l	97
29) Tetrahydrofuran	7.689	42	1083548	459.962	ug/l	98
30) Chloroform	7.817	83	1181880	89.116	ug/l	100
31) Cyclohexane	8.094	56	901678	86.084	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	1152507	93.612	ug/l	99
36) 1,1-Dichloropropene	8.220	75	858722	101.691	ug/l	99
37) Ethyl Acetate	7.418	43	692749	96.496	ug/l	99
38) Carbon Tetrachloride	8.204	117	1057616	103.781	ug/l	98
39) Methylcyclohexane	9.461	83	1140371	107.201	ug/l	99
40) Benzene	8.461	78	2645499	99.882	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	348512	102.373	ug/l	96
42) 1,2-Dichloroethane	8.531	62	847099	95.108	ug/l	99
43) Isopropyl Acetate	8.566	43	1191487	101.754	ug/l	100
44) Trichloroethene	9.217	130	831709	102.585	ug/l	99
45) 1,2-Dichloropropane	9.491	63	613473	99.488	ug/l	97
46) Dibromomethane	9.579	93	510040	100.088	ug/l	97
47) Bromodichloromethane	9.764	83	973210	102.911	ug/l	99
48) Methyl methacrylate	9.563	41	515354	102.471	ug/l	93
49) 1,4-Dioxane	9.574	88	272640	2132.876	ug/l	98
51) 4-Methyl-2-Pentanone	10.336	43	3746523	501.965	ug/l	99
52) Toluene	10.507	92	1874595	104.242	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	1050676	109.396	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	1100063	108.575	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	734973	101.194	ug/l	98
56) Ethyl methacrylate	10.765	69	1044082	111.873	ug/l	99
57) 1,3-Dichloropropane	11.046	76	1112538	102.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	975467	723.516	ug/l	98
59) 2-Hexanone	11.089	43	2668834	471.908	ug/l	99
60) Dibromochloromethane	11.242	129	931893	112.023	ug/l	100
61) 1,2-Dibromoethane	11.349	107	816798	106.286	ug/l	100
64) Tetrachloroethene	10.979	164	857664	100.652	ug/l	98
65) Chlorobenzene	11.773	112	2200725	98.238	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	881812	102.964	ug/l	99
67) Ethyl Benzene	11.846	91	3673331	101.142	ug/l	100
68) m/p-Xylenes	11.956	106	3012105	204.768	ug/l	99
69) o-Xylene	12.283	106	1490432	106.069	ug/l	100
70) Styrene	12.296	104	2443233	107.428	ug/l	100
71) Bromoform	12.460	173	827704	118.885	ug/l #	99
73) Isopropylbenzene	12.580	105	3808357	94.710	ug/l	99
74) N-amyl acetate	12.390	43	964244	78.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	1018119	83.813	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	802418m	92.632	ug/l	
77) Bromobenzene	12.865	156	1112782	95.376	ug/l	97
78) n-propylbenzene	12.924	91	4105286	93.550	ug/l	100
79) 2-Chlorotoluene	13.010	91	2407041	90.361	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	3164293	95.540	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	303105	107.631	ug/l	99
82) 4-Chlorotoluene	13.106	91	2383528	89.817	ug/l	99
83) tert-Butylbenzene	13.326	119	2901244	96.845	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	3133114	95.440	ug/l	99
85) sec-Butylbenzene	13.503	105	3916968	96.634	ug/l	100
86) p-Isopropyltoluene	13.618	119	3437712	101.307	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	1874880	90.756	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	1807220	83.803	ug/l	99
89) n-Butylbenzene	13.946	91	2562219	91.679	ug/l	99
90) Hexachloroethane	14.214	117	630961	100.736	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	1730464	86.213	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	173267	76.766	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	1007954	77.143	ug/l	98
94) Hexachlorobutadiene	15.372	225	558111	96.740	ug/l	99
95) Naphthalene	15.509	128	2333037	62.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	953117	69.720	ug/l	99

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

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