

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083021\
 Data File : VN068355.D
 Acq On : 30 Aug 2021 13:21
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:42:14 PM

Quant Time: Aug 31 01:44:58 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	549729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	857882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	794002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	340399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	55660	9.859	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	19.720%#
35) Dibromofluoromethane	8.021	113	49561	9.289	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	18.580%#
50) Toluene-d8	10.443	98	186073	9.040	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	18.080%#
62) 4-Bromofluorobenzene	12.733	95	59511	8.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	17.540%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	44254	9.402	ug/l	98
3) Chloromethane	2.303	50	44742	9.216	ug/l	99
4) Vinyl Chloride	2.443	62	69233	9.459	ug/l	95
5) Bromomethane	2.864	94	72673	10.295	ug/l	98
6) Chloroethane	3.022	64	50228	9.568	ug/l	97
7) Trichlorofluoromethane	3.371	101	137246	9.550	ug/l	100
8) Diethyl Ether	3.821	74	39773	9.300	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.202	101	43641	9.288	ug/l	98
10) Methyl Iodide	4.419	142	51422	8.607	ug/l #	74
11) Tert butyl alcohol	5.396	59	32353	45.680	ug/l	97
12) 1,1-Dichloroethene	4.170	96	40761	9.513	ug/l	99
13) Acrolein	4.041	56	24326	49.415	ug/l	97
14) Allyl chloride	4.832	41	50240	9.129	ug/l	99
15) Acrylonitrile	5.559	53	93230	45.564	ug/l	97
16) Acetone	4.293	43	91786	48.566	ug/l	100
17) Carbon Disulfide	4.524	76	107139	8.929	ug/l	99
18) Methyl Acetate	4.857	43	45224	8.672	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	126256	9.028	ug/l	99
20) Methylene Chloride	5.093	84	50058	8.767	ug/l	96
21) trans-1,2-Dichloroethene	5.591	96	44098	9.028	ug/l	99
22) Diisopropyl ether	6.501	45	109910	9.310	ug/l	97
23) Vinyl Acetate	6.439	43	421195	52.683	ug/l	99
24) 1,1-Dichloroethane	6.388	63	73675	9.261	ug/l	97
25) 2-Butanone	7.345	43	119809	44.686	ug/l	96
26) 2,2-Dichloropropane	7.327	77	67015	8.924	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	51756	8.979	ug/l	97
28) Bromochloromethane	7.659	49	33688	10.443	ug/l	94
29) Tetrahydrofuran	7.691	42	76416	45.618	ug/l	98
30) Chloroform	7.817	83	86252	9.146	ug/l	98
31) Cyclohexane	8.096	56	71216	9.562	ug/l #	93
32) 1,1,1-Trichloroethane	8.013	97	80701	9.218	ug/l	98
36) 1,1-Dichloropropene	8.222	75	58421	8.597	ug/l	98
37) Ethyl Acetate	7.418	43	51081	8.842	ug/l	95
38) Carbon Tetrachloride	8.209	117	69070	8.422	ug/l	98
39) Methylcyclohexane	9.461	83	72778	8.501	ug/l	98
40) Benzene	8.461	78	183864	8.626	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	22076	8.058	ug/l #	68
42) 1,2-Dichloroethane	8.534	62	64300	8.971	ug/l	87
43) Isopropyl Acetate	8.563	43	79594	8.447	ug/l	98
44) Trichloroethene	9.217	130	56419	8.647	ug/l	98
45) 1,2-Dichloropropane	9.494	63	42256	8.515	ug/l	99
46) Dibromomethane	9.579	93	35251	8.596	ug/l	94
47) Bromodichloromethane	9.765	83	66153	8.692	ug/l	98
48) Methyl methacrylate	9.566	41	32643	8.065	ug/l	93
49) 1,4-Dioxane	9.571	88	16831	163.616	ug/l	93
51) 4-Methyl-2-Pentanone	10.336	43	247728	41.244	ug/l	98
52) Toluene	10.507	92	121336	8.384	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	63251	8.184	ug/l	94
54) cis-1,3-Dichloropropene	10.191	75	68781	8.436	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	49612	8.488	ug/l	98
56) Ethyl methacrylate	10.765	69	59530	7.926	ug/l	97
57) 1,3-Dichloropropane	11.047	76	75206	8.617	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.046	63	49405	45.535	ug/l	96
59) 2-Hexanone	11.087	43	171887	37.767	ug/l	97
60) Dibromochloromethane	11.240	129	56019	8.368	ug/l	100
61) 1,2-Dibromoethane	11.350	107	52712	8.523	ug/l	97
64) Tetrachloroethene	10.979	164	53193	8.455	ug/l	96
65) Chlorobenzene	11.773	112	140097	8.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	54192	8.570	ug/l	98
67) Ethyl Benzene	11.848	91	227252	8.475	ug/l	97
68) m/p-Xylenes	11.956	106	183017	16.851	ug/l	100
69) o-Xylene	12.283	106	88424	8.523	ug/l	97
70) Styrene	12.296	104	136980	8.157	ug/l	98
71) Bromoform	12.460	173	40597	7.898	ug/l #	97
73) Isopropylbenzene	12.583	105	219703	8.755	ug/l	100
74) N-amyl acetate	12.390	43	53723	7.031	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	67174	8.861	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	56095m	10.376	ug/l	
77) Bromobenzene	12.862	156	60614	8.324	ug/l	96
78) n-propylbenzene	12.924	91	233101	8.511	ug/l	97
79) 2-Chlorotoluene	13.010	91	146570	8.816	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	181488	8.780	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	15132	8.610	ug/l	91
82) 4-Chlorotoluene	13.109	91	137364	8.294	ug/l	96
83) tert-Butylbenzene	13.326	119	162083	8.669	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	174918	8.537	ug/l	99
85) sec-Butylbenzene	13.503	105	214248	8.469	ug/l	98
86) p-Isopropyltoluene	13.619	119	169215	7.990	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	102935	7.984	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	102223	7.595	ug/l	96
89) n-Butylbenzene	13.946	91	122943	7.049	ug/l	98
90) Hexachloroethane	14.214	117	34028	8.705	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	97421	7.777	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	10355	7.351	ug/l	86
93) 1,2,4-Trichlorobenzene	15.265	180	43389	5.321	ug/l	99
94) Hexachlorobutadiene	15.373	225	26939	7.482	ug/l	98
95) Naphthalene	15.509	128	101640	4.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	42992	5.039	ug/l	97

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

