

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090121\
 Data File : VN068378.D
 Acq On : 1 Sep 2021 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/2/2021 7:20:06 PM

Quant Time: Sep 02 12:10:37 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	695622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	967336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	917018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	463945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	294724	41.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.02%		
35) Dibromofluoromethane	8.024	113	284092	46.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.64%		
50) Toluene-d8	10.443	98	1040408	45.32	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.64%		
62) 4-Bromofluorobenzene	12.733	95	348434	46.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.48%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	277114	47.87	ug/l	100
3) Chloromethane	2.309	50	251646	41.48	ug/l	98
4) Vinyl Chloride	2.448	62	373576	40.39	ug/l	99
5) Bromomethane	2.832	94	364195	47.29	ug/l	100
6) Chloroethane	3.009	64	268427	40.48	ug/l	97
7) Trichlorofluoromethane	3.373	101	489333	26.62	ug/l	99
8) Diethyl Ether	3.829	74	165058	31.17	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.213	101	288040	49.65	ug/l	98
10) Methyl Iodide	4.430	142	454788	61.44	ug/l	97
11) Tert butyl alcohol	5.371	59	226963	244.46	ug/l	100
12) 1,1-Dichloroethene	4.189	96	263082	48.50	ug/l	96
13) Acrolein	4.046	56	148398	246.10	ug/l	97
14) Allyl chloride	4.843	41	330548	48.45	ug/l	98
15) Acrylonitrile	5.554	53	608803	239.83	ug/l	98
16) Acetone	4.288	43	504181	268.78	ug/l	100
17) Carbon Disulfide	4.537	76	675045	46.16	ug/l	100
18) Methyl Acetate	4.856	43	282594	53.41	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	914077	52.14	ug/l	99
20) Methylene Chloride	5.103	84	301284	51.36	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	297200	48.96	ug/l	99
22) Diisopropyl ether	6.498	45	755056	50.65	ug/l	98
23) Vinyl Acetate	6.436	43	2910190	253.15	ug/l	99
24) 1,1-Dichloroethane	6.393	63	471466	47.45	ug/l	98
25) 2-Butanone	7.335	43	776319	238.52	ug/l	98
26) 2,2-Dichloropropane	7.329	77	450536	48.69	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	358284	50.40	ug/l	99
28) Bromochloromethane	7.659	49	178998	42.61	ug/l	96
29) Tetrahydrofuran	7.683	42	498155	238.81	ug/l	99
30) Chloroform	7.820	83	567616	47.60	ug/l	100
31) Cyclohexane	8.099	56	421289	45.03	ug/l	98
32) 1,1,1-Trichloroethane	8.018	97	529729	48.15	ug/l	99
36) 1,1-Dichloropropene	8.222	75	399047	51.87	ug/l	98
37) Ethyl Acetate	7.412	43	317786	49.58	ug/l	99
38) Carbon Tetrachloride	8.209	117	483687	52.61	ug/l	99
39) Methylcyclohexane	9.461	83	526493	54.91	ug/l	99
40) Benzene	8.461	78	1223940	51.50	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	150341	50.08	ug/l	97
42) 1,2-Dichloroethane	8.531	62	408215	51.25	ug/l	99
43) Isopropyl Acetate	8.560	43	556733	53.69	ug/l	100
44) Trichloroethene	9.217	130	388950	53.01	ug/l	98
45) 1,2-Dichloropropane	9.491	63	285248	51.71	ug/l	95
46) Dibromomethane	9.579	93	240354	53.48	ug/l	98
47) Bromodichloromethane	9.764	83	453539	52.82	ug/l	99
48) Methyl methacrylate	9.561	41	248478	54.77	ug/l	97
49) 1,4-Dioxane	9.571	88	110767	1035.94	ug/l	100
51) 4-Methyl-2-Pentanone	10.333	43	1649725	254.60	ug/l	100
52) Toluene	10.507	92	842795	52.73	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	467699	54.81	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	500959	55.29	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	341798	52.91	ug/l	98
56) Ethyl methacrylate	10.762	69	453386	48.79	ug/l	100
57) 1,3-Dichloropropane	11.046	76	514802	52.96	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	251116	159.62	ug/l	100
59) 2-Hexanone	11.087	43	1151523	255.28	ug/l	99
60) Dibromochloromethane	11.239	129	418004	56.19	ug/l	100
61) 1,2-Dibromoethane	11.347	107	370128	54.24	ug/l	100
64) Tetrachloroethene	10.979	164	409466	57.17	ug/l	99
65) Chlorobenzene	11.773	112	957279	51.98	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	393358	54.74	ug/l	100
67) Ethyl Benzene	11.846	91	1606724	53.36	ug/l	98
68) m/p-Xylenes	11.956	106	1323003	109.07	ug/l	99
69) o-Xylene	12.283	106	645522	55.32	ug/l	99
70) Styrene	12.296	104	1041016	56.67	ug/l	99
71) Bromoform	12.460	173	342382	49.58	ug/l #	99
73) Isopropylbenzene	12.580	105	1653011	49.65	ug/l	100
74) N-amyl acetate	12.390	43	401279	48.22	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	440794	44.21	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	366285m	46.45	ug/l	
77) Bromobenzene	12.862	156	475756	50.49	ug/l	98
78) n-propylbenzene	12.924	91	1789551	50.74	ug/l	100
79) 2-Chlorotoluene	13.010	91	1050258	48.13	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	1376808	50.89	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	116754	48.92	ug/l	99
82) 4-Chlorotoluene	13.106	91	1036308	49.18	ug/l	100
83) tert-Butylbenzene	13.326	119	1265796	51.08	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	1350113	51.01	ug/l	99
85) sec-Butylbenzene	13.503	105	1680317	51.55	ug/l	100
86) p-Isopropyltoluene	13.618	119	1467706	54.45	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	830639	51.75	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	802274	50.22	ug/l	99
89) n-Butylbenzene	13.946	91	1087495	53.52	ug/l	100
90) Hexachloroethane	14.214	117	248094	47.77	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	794161	52.12	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	78999	51.03	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	453677	54.56	ug/l	99
94) Hexachlorobutadiene	15.372	225	265729	60.09	ug/l	99
95) Naphthalene	15.507	128	1004854	52.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	429594	54.41	ug/l	99

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

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