

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066129.D
 Acq On : 3 Mar 2021 17:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:14:21 PM

Quant Time: Mar 04 02:17:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.624	168	86217	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.547	114	141442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	131469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	59946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	63847	48.66	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.32%
35) Dibromofluoromethane	7.550	113	44891	50.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.24%
50) Toluene-d8	10.055	98	173291	49.67	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.34%
62) 4-Bromofluorobenzene	12.370	95	66535	49.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.04%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.849	85	53953	48.80	ug/l	97
3) Chloromethane	2.052	50	58378	50.05	ug/l	99
4) Vinyl Chloride	2.180	62	60118	49.27	ug/l	99
5) Bromomethane	2.541	94	39848	46.94	ug/l	96
6) Chloroethane	2.685	64	33829	52.07	ug/l	97
7) Trichlorofluoromethane	3.000	101	92005	47.81	ug/l	100
8) Diethyl Ether	3.386	74	28218	50.88	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.733	101	40267	49.65	ug/l	97
10) Methyl Iodide	3.923	142	63518	51.28	ug/l	92
11) Tert butyl alcohol	4.740	59	42255	233.24	ug/l	100
12) 1,1-Dichloroethene	3.708	96	42659	47.95	ug/l	94
13) Acrolein	3.576	56	35049	242.02	ug/l	98
14) Allyl chloride	4.286	41	71891	52.71	ug/l	97
15) Acrylonitrile	4.936	53	101596	258.18	ug/l	99
16) Acetone	3.785	43	85983	219.25	ug/l	97
17) Carbon Disulfide	4.023	76	123222	47.14	ug/l	98
18) Methyl Acetate	4.286	43	42655	50.94	ug/l	96
19) Methyl tert-butyl Ether	5.000	73	157629	47.87	ug/l	98
20) Methylene Chloride	4.512	84	48274	46.77	ug/l	99
21) trans-1,2-Dichloroethene	5.000	96	47061	50.95	ug/l	96
22) Diisopropyl ether	5.907	45	138808	50.76	ug/l	97
23) Vinyl Acetate	5.846	43	581986	250.79	ug/l	98
24) 1,1-Dichloroethane	5.801	63	87479	51.23	ug/l	99
25) 2-Butanone	6.785	43	125826	241.92	ug/l	100
26) 2,2-Dichloropropane	6.778	77	85278	48.53	ug/l	94
27) cis-1,2-Dichloroethene	6.782	96	55240	50.28	ug/l	95
28) Bromochloromethane	7.155	49	36011	47.53	ug/l	97
29) Tetrahydrofuran	7.167	42	82113	244.66	ug/l	94
30) Chloroform	7.328	83	93863	49.81	ug/l	97
31) Cyclohexane	7.614	56	72318	46.09	ug/l	97
32) 1,1,1-Trichloroethane	7.528	97	87279	49.21	ug/l	99
36) 1,1-Dichloropropene	7.753	75	68212	51.31	ug/l	98
37) Ethyl Acetate	6.881	43	54278	52.40	ug/l	97
38) Carbon Tetrachloride	7.733	117	76953	50.35	ug/l	97
39) Methylcyclohexane	9.045	83	68998	48.03	ug/l	96
40) Benzene	8.000	78	198162	50.48	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	24851	46.90	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	80223	51.60	ug/l	95
43) Isopropyl Acetate	8.122	43	97576	50.34	ug/l	98
44) Trichloroethene	8.801	130	54122	49.35	ug/l	99
45) 1,2-Dichloropropane	9.081	63	49713	50.87	ug/l	98
46) Dibromomethane	9.171	93	34417	53.91	ug/l	94
47) Bromodichloromethane	9.367	83	76874	51.95	ug/l	100
48) Methyl methacrylate	9.164	41	46132	49.15	ug/l	95
49) 1,4-Dioxane	9.164	88	17047	944.77	ug/l	94
51) 4-Methyl-2-Pentanone	9.949	43	270484	254.89	ug/l	99
52) Toluene	10.119	92	128337	50.81	ug/l	95
53) t-1,3-Dichloropropene	10.347	75	87852	51.42	ug/l	96
54) cis-1,3-Dichloropropene	9.804	75	88966	50.28	ug/l	92
55) 1,1,2-Trichloroethane	10.527	97	47555	50.07	ug/l	98
56) Ethyl methacrylate	10.396	69	71672	53.19	ug/l	99
57) 1,3-Dichloropropane	10.672	76	82318	51.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	142350	270.91	ug/l	97
59) 2-Hexanone	10.717	43	184009	256.27	ug/l	100
60) Dibromochloromethane	10.868	129	55698	50.92	ug/l	99
61) 1,2-Dibromoethane	10.974	107	49750	51.46	ug/l	98
64) Tetrachloroethene	10.598	164	52901	48.74	ug/l	96
65) Chlorobenzene	11.402	112	135966	49.52	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.476	131	52712	50.66	ug/l	98
67) Ethyl Benzene	11.479	91	243018	49.14	ug/l	99
68) m/p-Xylenes	11.592	106	188427	98.64	ug/l	97
69) o-Xylene	11.916	106	92102	49.37	ug/l	99
70) Styrene	11.932	104	147753	50.41	ug/l	95
71) Bromoform	12.096	173	36473	50.46	ug/l #	99
73) Isopropylbenzene	12.219	105	233587	47.51	ug/l	99
74) N-amyl acetate	12.042	43	69289	48.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.473	83	62156	47.77	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	65024m	49.13	ug/l	
77) Bromobenzene	12.495	156	54933	48.49	ug/l	87
78) n-propylbenzene	12.559	91	255813	47.91	ug/l	100
79) 2-Chlorotoluene	12.643	91	160539	46.74	ug/l	99
80) 1,3,5-Trimethylbenzene	12.701	105	202569	46.52	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	23428	52.08	ug/l	98
82) 4-Chlorotoluene	12.743	91	168750	47.62	ug/l	96
83) tert-Butylbenzene	12.961	119	163588	45.80	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	203043	47.73	ug/l	100
85) sec-Butylbenzene	13.141	105	197777	45.06	ug/l	99
86) p-Isopropyltoluene	13.257	119	188737	46.18	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	97408	49.37	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	100585	48.42	ug/l	97
89) n-Butylbenzene	13.585	91	148810	46.17	ug/l	99
90) Hexachloroethane	13.842	117	28849	46.48	ug/l	99
91) 1,2-Dichlorobenzene	13.621	146	99552	50.90	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.238	75	16666	50.21	ug/l	76
93) 1,2,4-Trichlorobenzene	14.878	180	51283	49.72	ug/l	98
94) Hexachlorobutadiene	14.977	225	20882	42.34	ug/l	97
95) Naphthalene	15.096	128	165118	49.42	ug/l	99
96) 1,2,3-Trichlorobenzene	15.276	180	52835	47.36	ug/l	98

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

