

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066068.D
 Acq On : 1 Mar 2021 10:53
 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
 3/2/2021 3:28:12 PM

Quant Time: Mar 01 21:38:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	96055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	159063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	153200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	71642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	70607	52.56	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.12%			
35) Dibromofluoromethane	7.550	113	50241	51.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.08%			
50) Toluene-d8	10.055	98	197346	48.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.68%			
62) 4-Bromofluorobenzene	12.373	95	77875	51.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.849	85	56624	45.03	ug/l	97
3) Chloromethane	2.055	50	62692	39.79	ug/l	97
4) Vinyl Chloride	2.184	62	67401	43.42	ug/l	100
5) Bromomethane	2.541	94	45442	47.79	ug/l	95
6) Chloroethane	2.685	64	38320	43.75	ug/l	99
7) Trichlorofluoromethane	3.000	101	101518	52.52	ug/l	100
8) Diethyl Ether	3.386	74	33777	47.62	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.730	101	46423	45.41	ug/l	97
10) Methyl Iodide	3.923	142	70112	43.91	ug/l	94
11) Tert butyl alcohol	4.743	59	55194	295.51	ug/l	99
12) 1,1-Dichloroethene	3.708	96	47915	44.42	ug/l	93
13) Acrolein	3.579	56	43973	257.27	ug/l	97
14) Allyl chloride	4.287	41	76776	41.69	ug/l	92
15) Acrylonitrile	4.939	53	125037	241.42	ug/l	99
16) Acetone	3.785	43	116685	276.70	ug/l	95
17) Carbon Disulfide	4.023	76	133367	43.40	ug/l	100
18) Methyl Acetate	4.287	43	55764	50.24	ug/l	97
19) Methyl tert-butyl Ether	4.997	73	188411	54.29	ug/l	98
20) Methylene Chloride	4.512	84	56836	45.63	ug/l	97
21) trans-1,2-Dichloroethene	4.994	96	53147	46.87	ug/l	94
22) Diisopropyl ether	5.907	45	165099	44.82	ug/l	97
23) Vinyl Acetate	5.846	43	694809	240.45	ug/l	98
24) 1,1-Dichloroethane	5.801	63	100368	47.15	ug/l	99
25) 2-Butanone	6.785	43	160414	241.26	ug/l	100
26) 2,2-Dichloropropane	6.778	77	101282	60.66	ug/l	95
27) cis-1,2-Dichloroethene	6.782	96	64398	49.86	ug/l	95
28) Bromochloromethane	7.151	49	41875	42.68	ug/l	98
29) Tetrahydrofuran	7.167	42	99516	217.39	ug/l	93
30) Chloroform	7.328	83	109297	51.98	ug/l	97
31) Cyclohexane	7.614	56	83356	41.62	ug/l	98
32) 1,1,1-Trichloroethane	7.528	97	99128	56.21	ug/l	100
36) 1,1-Dichloropropene	7.749	75	79222	50.51	ug/l	98
37) Ethyl Acetate	6.881	43	67417	47.60	ug/l	96
38) Carbon Tetrachloride	7.733	117	85971	58.98	ug/l	100
39) Methylcyclohexane	9.045	83	84835	48.14	ug/l	97
40) Benzene	8.000	78	232700	48.36	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.135	41	33108m	48.29	ug/l	
42) 1,2-Dichloroethane	8.084	62	94035	59.46	ug/l	97
43) Isopropyl Acetate	8.122	43	120232	53.27	ug/l	93
44) Trichloroethene	8.798	130	65302	54.87	ug/l	99
45) 1,2-Dichloropropane	9.081	63	60194	48.85	ug/l	99
46) Dibromomethane	9.171	93	41067	54.70	ug/l	96
47) Bromodichloromethane	9.367	83	91493	59.87	ug/l	100
48) Methyl methacrylate	9.161	41	57299	50.10	ug/l	96
49) 1,4-Dioxane	9.164	88	23190	1190.05	ug/l	97
51) 4-Methyl-2-Pentanone	9.949	43	333316	242.68	ug/l	98
52) Toluene	10.122	92	152320	51.54	ug/l	96
53) t-1,3-Dichloropropene	10.347	75	106872	56.27	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	109246	57.65	ug/l	97
55) 1,1,2-Trichloroethane	10.527	97	58094	52.53	ug/l	98
56) Ethyl methacrylate	10.396	69	88341	53.12	ug/l	98
57) 1,3-Dichloropropane	10.672	76	101273	51.94	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.659	63	174189	219.40	ug/l	97
59) 2-Hexanone	10.717	43	239885	245.20	ug/l	100
60) Dibromochloromethane	10.868	129	68280	60.40	ug/l	100
61) 1,2-Dibromoethane	10.974	107	61726	54.94	ug/l	98
64) Tetrachloroethene	10.598	164	64241	54.31	ug/l	95
65) Chlorobenzene	11.402	112	167250	52.20	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	64406	58.53	ug/l	97
67) Ethyl Benzene	11.479	91	295275	50.92	ug/l	99
68) m/p-Xylenes	11.592	106	229643	106.13	ug/l	97
69) o-Xylene	11.916	106	111247	53.32	ug/l	97
70) Styrene	11.933	104	185590	54.04	ug/l	96
71) Bromoform	12.097	173	45880	54.46	ug/l #	99
73) Isopropylbenzene	12.219	105	291287	49.82	ug/l	100
74) N-amyl acetate	12.042	43	87749	43.26	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	81931	47.49	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	82744m	48.08	ug/l	
77) Bromobenzene	12.495	156	69990	52.31	ug/l	90
78) n-propylbenzene	12.563	91	321685	48.38	ug/l	99
79) 2-Chlorotoluene	12.643	91	203443	48.82	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	257677	51.87	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	29317	54.29	ug/l	95
82) 4-Chlorotoluene	12.743	91	213961	50.84	ug/l	97
83) tert-Butylbenzene	12.965	119	209961	51.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	255071	51.15	ug/l	100
85) sec-Butylbenzene	13.141	105	263483	49.45	ug/l	100
86) p-Isopropyltoluene	13.260	119	252624	52.22	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	125968	53.20	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	126349	52.24	ug/l	97
89) n-Butylbenzene	13.585	91	208684	51.16	ug/l	99
90) Hexachloroethane	13.842	117	37118	45.32	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	125431	52.82	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	19456	57.10	ug/l	86
93) 1,2,4-Trichlorobenzene	14.878	180	72058	55.93	ug/l	98
94) Hexachlorobutadiene	14.977	225	31069	56.37	ug/l	98
95) Naphthalene	15.100	128	225311	53.96	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	72455	56.34	ug/l	99

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

