

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066042.D
 Acq On : 26 Feb 2021 10:27
 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
 3/1/2021 10:06:30 AM

Quant Time: Feb 26 23:29:47 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	90078	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.550	114	151046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	141727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	68318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	65686	52.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.30%			
35) Dibromofluoromethane	7.550	113	46144	49.36	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.72%			
50) Toluene-d8	10.058	98	180767	47.11	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.22%			
62) 4-Bromofluorobenzene	12.370	95	72188	50.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	53133	45.05	ug/l	98
3) Chloromethane	2.055	50	57719	39.06	ug/l	98
4) Vinyl Chloride	2.184	62	61790	42.45	ug/l	100
5) Bromomethane	2.541	94	40512	45.43	ug/l	98
6) Chloroethane	2.688	64	34178	41.61	ug/l	98
7) Trichlorofluoromethane	3.004	101	96568	53.28	ug/l	98
8) Diethyl Ether	3.386	74	30809	46.32	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.733	101	43428	45.30	ug/l	99
10) Methyl Iodide	3.923	142	65309	43.62	ug/l	93
11) Tert butyl alcohol	4.750	59	47668	272.15	ug/l	100
12) 1,1-Dichloroethene	3.711	96	45563	45.04	ug/l	97
13) Acrolein	3.579	56	38326	239.11	ug/l	98
14) Allyl chloride	4.290	41	76388	44.23	ug/l	98
15) Acrylonitrile	4.939	53	108517	223.43	ug/l	97
16) Acetone	3.785	43	107101	270.79	ug/l	94
17) Carbon Disulfide	4.023	76	124210	43.10	ug/l	99
18) Methyl Acetate	4.290	43	49221	47.29	ug/l	97
19) Methyl tert-butyl Ether	5.000	73	166549	51.17	ug/l	97
20) Methylene Chloride	4.515	84	51621	44.20	ug/l	97
21) trans-1,2-Dichloroethene	4.997	96	49192	46.26	ug/l	94
22) Diisopropyl ether	5.907	45	148726	43.05	ug/l	99
23) Vinyl Acetate	5.849	43	627830	231.69	ug/l	99
24) 1,1-Dichloroethane	5.804	63	92639	46.41	ug/l	99
25) 2-Butanone	6.788	43	144079	231.07	ug/l	100
26) 2,2-Dichloropropane	6.778	77	93473	59.70	ug/l	96
27) cis-1,2-Dichloroethene	6.785	96	58729	48.49	ug/l	94
28) Bromochloromethane	7.151	49	38432	41.77	ug/l	97
29) Tetrahydrofuran	7.167	42	89576	208.66	ug/l	94
30) Chloroform	7.328	83	100912	51.17	ug/l	98
31) Cyclohexane	7.614	56	76575	40.77	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	92817	56.12	ug/l	99
36) 1,1-Dichloropropene	7.753	75	71597	48.07	ug/l	99
37) Ethyl Acetate	6.881	43	60310	44.84	ug/l	96
38) Carbon Tetrachloride	7.733	117	80460	58.13	ug/l	98
39) Methylcyclohexane	9.045	83	75765	45.27	ug/l	95
40) Benzene	8.000	78	214188	46.87	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	28825m	44.27	ug/l	
42) 1,2-Dichloroethane	8.084	62	85767	57.11	ug/l	95
43) Isopropyl Acetate	8.122	43	106401	49.64	ug/l	98
44) Trichloroethene	8.798	130	59403	52.56	ug/l	97
45) 1,2-Dichloropropane	9.081	63	53328	45.57	ug/l	99
46) Dibromomethane	9.174	93	36251	50.85	ug/l	96
47) Bromodichloromethane	9.367	83	82053	56.54	ug/l	98
48) Methyl methacrylate	9.161	41	51520	47.44	ug/l	95
49) 1,4-Dioxane	9.164	88	19254	1040.50	ug/l	93
51) 4-Methyl-2-Pentanone	9.949	43	296870	227.62	ug/l	99
52) Toluene	10.119	92	139484	49.70	ug/l	94
53) t-1,3-Dichloropropene	10.347	75	94194	52.37	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	97169	54.00	ug/l	94
55) 1,1,2-Trichloroethane	10.527	97	52737	50.21	ug/l	98
56) Ethyl methacrylate	10.396	69	78155	49.49	ug/l	97
57) 1,3-Dichloropropane	10.675	76	90034	48.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	155604	206.39	ug/l	97
59) 2-Hexanone	10.717	43	213104	229.38	ug/l	99
60) Dibromochloromethane	10.871	129	61339	57.14	ug/l	99
61) 1,2-Dibromoethane	10.974	107	54493	51.08	ug/l	99
64) Tetrachloroethene	10.598	164	58237	53.22	ug/l	95
65) Chlorobenzene	11.402	112	149480	50.43	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	56858	55.85	ug/l	97
67) Ethyl Benzene	11.479	91	266117	49.61	ug/l	99
68) m/p-Xylenes	11.592	106	206475	103.15	ug/l	95
69) o-Xylene	11.916	106	99323	51.46	ug/l	96
70) Styrene	11.932	104	166255	52.32	ug/l	96
71) Bromoform	12.096	173	40485	52.06	ug/l #	98
73) Isopropylbenzene	12.219	105	264503	47.44	ug/l	99
74) N-amyl acetate	12.042	43	81272	42.02	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	70534	42.88	ug/l	100
76) 1,2,3-Trichloropropane	12.524	75	73466m	44.76	ug/l	
77) Bromobenzene	12.495	156	62425	48.93	ug/l	89
78) n-propylbenzene	12.559	91	292718	46.16	ug/l	99
79) 2-Chlorotoluene	12.643	91	183745	46.23	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	232186	49.02	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	25406	49.33	ug/l	95
82) 4-Chlorotoluene	12.743	91	195098	48.61	ug/l	97
83) tert-Butylbenzene	12.965	119	188891	48.26	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	229378	48.24	ug/l	99
85) sec-Butylbenzene	13.141	105	240549	47.34	ug/l	100
86) p-Isopropyltoluene	13.257	119	228492	49.53	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	114529	50.72	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	113687	49.29	ug/l	97
89) n-Butylbenzene	13.585	91	190057	48.86	ug/l	99
90) Hexachloroethane	13.842	117	33575	42.99	ug/l	99
91) 1,2-Dichlorobenzene	13.624	146	113419	50.09	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	18898	58.14	ug/l	80
93) 1,2,4-Trichlorobenzene	14.878	180	64353	52.54	ug/l	98
94) Hexachlorobutadiene	14.977	225	27175	51.71	ug/l	100
95) Naphthalene	15.100	128	202327	50.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.276	180	65781	53.74	ug/l	99

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

