

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066066.D
 Acq On : 26 Feb 2021 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:06:38 AM

Quant Time: Feb 26 23:39:07 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	7.627	168	91500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	157883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	143056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	66737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	66499	51.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.94%			
35) Dibromofluoromethane	7.553	113	47728	48.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.68%			
50) Toluene-d8	10.058	98	185224	46.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.36%			
62) 4-Bromofluorobenzene	12.373	95	71385	47.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.82%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	51613	43.09	ug/l	100
3) Chloromethane	2.055	50	52887	35.23	ug/l	97
4) Vinyl Chloride	2.184	62	61722	41.74	ug/l	97
5) Bromomethane	2.544	94	40929	45.18	ug/l	98
6) Chloroethane	2.689	64	37054	44.42	ug/l	100
7) Trichlorofluoromethane	3.004	101	97754	53.09	ug/l	99
8) Diethyl Ether	3.389	74	30801	45.59	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.740	101	44101	45.28	ug/l	99
10) Methyl Iodide	3.926	142	68825	45.25	ug/l	94
11) Tert butyl alcohol	4.746	59	41374	232.55	ug/l #	86
12) 1,1-Dichloroethene	3.711	96	45802	44.57	ug/l	95
13) Acrolein	3.582	56	34886	214.26	ug/l	94
14) Allyl chloride	4.290	41	75894	43.26	ug/l	98
15) Acrylonitrile	4.942	53	109066	221.07	ug/l	98
16) Acetone	3.788	43	88483	219.94	ug/l	94
17) Carbon Disulfide	4.026	76	124600	42.57	ug/l	98
18) Methyl Acetate	4.290	43	48857	46.21	ug/l	97
19) Methyl tert-butyl Ether	5.004	73	170603	51.60	ug/l	97
20) Methylene Chloride	4.518	84	52423	44.18	ug/l	97
21) trans-1,2-Dichloroethene	5.000	96	50506	46.76	ug/l	91
22) Diisopropyl ether	5.910	45	148757	42.39	ug/l	98
23) Vinyl Acetate	5.852	43	615101	223.46	ug/l	97
24) 1,1-Dichloroethane	5.807	63	94150	46.43	ug/l	98
25) 2-Butanone	6.788	43	133192	210.29	ug/l	100
26) 2,2-Dichloropropane	6.782	77	83801	52.69	ug/l	96
27) cis-1,2-Dichloroethene	6.785	96	60308	49.02	ug/l	97
28) Bromochloromethane	7.155	49	38396	41.08	ug/l	96
29) Tetrahydrofuran	7.167	42	85552	196.19	ug/l	95
30) Chloroform	7.335	83	101170	50.51	ug/l	99
31) Cyclohexane	7.618	56	77958	40.86	ug/l	93
32) 1,1,1-Trichloroethane	7.531	97	93925	55.91	ug/l	99
36) 1,1-Dichloropropene	7.753	75	73848	47.44	ug/l	98
37) Ethyl Acetate	6.888	43	57098	40.62	ug/l	99
38) Carbon Tetrachloride	7.740	117	80530	55.66	ug/l	100
39) Methylcyclohexane	9.045	83	75683	43.26	ug/l	94
40) Benzene	8.003	78	219328	45.92	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	33879m	49.78	ug/l	
42) 1,2-Dichloroethane	8.087	62	83908	53.46	ug/l	96
43) Isopropyl Acetate	8.126	43	105292	46.99	ug/l	98
44) Trichloroethene	8.801	130	60317	51.06	ug/l	100
45) 1,2-Dichloropropane	9.084	63	54406	44.48	ug/l	99
46) Dibromomethane	9.174	93	36127	48.48	ug/l	96
47) Bromodichloromethane	9.367	83	80802	53.27	ug/l	98
48) Methyl methacrylate	9.164	41	49380	43.50	ug/l	96
49) 1,4-Dioxane	9.164	88	17834	922.03	ug/l	98
51) 4-Methyl-2-Pentanone	9.949	43	287062	210.57	ug/l	99
52) Toluene	10.122	92	150546	51.32	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	91546	48.84	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	94695	50.34	ug/l	96
55) 1,1,2-Trichloroethane	10.531	97	52570	47.89	ug/l	99
56) Ethyl methacrylate	10.396	69	78453	47.53	ug/l	98
57) 1,3-Dichloropropane	10.675	76	90117	46.57	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.659	63	153904	195.30	ug/l	97
59) 2-Hexanone	10.720	43	195907	201.74	ug/l	99
60) Dibromochloromethane	10.871	129	60927	54.30	ug/l	99
61) 1,2-Dibromoethane	10.974	107	55066	49.38	ug/l	98
64) Tetrachloroethene	10.601	164	58090	52.60	ug/l	94
65) Chlorobenzene	11.402	112	149759	50.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	57038	55.51	ug/l	97
67) Ethyl Benzene	11.482	91	275230	50.83	ug/l	99
68) m/p-Xylenes	11.592	106	213279	105.56	ug/l	98
69) o-Xylene	11.916	106	104123	53.45	ug/l	98
70) Styrene	11.936	104	163453	50.97	ug/l	95
71) Bromoform	12.100	173	39689	50.63	ug/l #	99
73) Isopropylbenzene	12.219	105	260282	47.79	ug/l	99
74) N-amyl acetate	12.042	43	77628	41.08	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	69934	43.52	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	69386m	43.28	ug/l	
77) Bromobenzene	12.495	156	60756	48.75	ug/l	88
78) n-propylbenzene	12.560	91	284481	45.92	ug/l	99
79) 2-Chlorotoluene	12.643	91	180864	46.59	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	228685	49.42	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	22570	44.87	ug/l	94
82) 4-Chlorotoluene	12.743	91	189564	48.35	ug/l	94
83) tert-Butylbenzene	12.965	119	184967	48.38	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	236206	50.85	ug/l	99
85) sec-Butylbenzene	13.141	105	233713	47.08	ug/l	100
86) p-Isopropyltoluene	13.260	119	216268	47.99	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	108570	49.22	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	109130	48.43	ug/l	97
89) n-Butylbenzene	13.585	91	180648	47.54	ug/l	100
90) Hexachloroethane	13.842	117	32844	43.05	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	108513	49.06	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	16822	53.06	ug/l	84
93) 1,2,4-Trichlorobenzene	14.878	180	60833	50.92	ug/l	98
94) Hexachlorobutadiene	14.977	225	25111	48.91	ug/l	100
95) Naphthalene	15.100	128	199143	51.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	61076	51.19	ug/l	98

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

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