

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065769.D
 Acq On : 8 Feb 2021 20:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/9/2021 10:30:43 AM

Quant Time: Feb 09 00:44:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	132902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	235520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	219106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	97409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	76879	43.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.94%		
35) Dibromofluoromethane	7.547	113	67720	48.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.04%		
50) Toluene-d8	10.058	98	263977	48.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.24%		
62) 4-Bromofluorobenzene	12.373	95	100209	50.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.44%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	69340	46.58	ug/l	99
3) Chloromethane	2.039	50	102198	46.71	ug/l	97
4) Vinyl Chloride	2.168	62	105001	47.40	ug/l	99
5) Bromomethane	2.521	94	62357	48.63	ug/l	96
6) Chloroethane	2.669	64	60912	47.53	ug/l	99
7) Trichlorofluoromethane	2.988	101	115729	49.97	ug/l	97
8) Diethyl Ether	3.377	74	51293	46.46	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.714	101	70161	49.92	ug/l	96
10) Methyl Iodide	3.901	142	111597	54.17	ug/l	96
11) Tert butyl alcohol	4.766	59	66705	203.67	ug/l	100
12) 1,1-Dichloroethene	3.692	96	73448	45.40	ug/l	99
13) Acrolein	3.566	56	72168	254.62	ug/l	99
14) Allyl chloride	4.271	41	128141	42.72	ug/l	90
15) Acrylonitrile	4.933	53	193477	226.76	ug/l	98
16) Acetone	3.779	43	141107	207.31	ug/l	99
17) Carbon Disulfide	4.000	76	192367	37.77	ug/l	98
18) Methyl Acetate	4.280	43	91698	48.08	ug/l	100
19) Methyl tert-butyl Ether	4.994	73	242997	44.99	ug/l	97
20) Methylene Chloride	4.496	84	87338	46.34	ug/l	99
21) trans-1,2-Dichloroethene	4.981	96	77769	45.23	ug/l	95
22) Diisopropyl ether	5.907	45	267895	43.70	ug/l	94
23) Vinyl Acetate	5.846	43	1038080	211.97	ug/l	100
24) 1,1-Dichloroethane	5.791	63	150047	45.92	ug/l	98
25) 2-Butanone	6.791	43	235452	220.61	ug/l	98
26) 2,2-Dichloropropane	6.772	77	104652	40.01	ug/l	99
27) cis-1,2-Dichloroethene	6.779	96	92642	47.02	ug/l	98
28) Bromochloromethane	7.148	49	55452	40.38	ug/l	91
29) Tetrahydrofuran	7.171	42	160363	207.16	ug/l	99
30) Chloroform	7.328	83	141075	46.87	ug/l	100
31) Cyclohexane	7.608	56	131917	40.12	ug/l	97
32) 1,1,1-Trichloroethane	7.524	97	114248	46.62	ug/l	99
36) 1,1-Dichloropropene	7.750	75	109765	46.31	ug/l	99
37) Ethyl Acetate	6.888	43	102104	44.91	ug/l	97
38) Carbon Tetrachloride	7.727	117	93116	47.72	ug/l	98
39) Methylcyclohexane	9.042	83	124822	43.17	ug/l	97
40) Benzene	8.000	78	352665	48.73	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	50973	41.75	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	105143	48.19	ug/l	97
43) Isopropyl Acetate	8.129	43	169300	41.99	ug/l	94
44) Trichloroethene	8.798	130	87703	49.94	ug/l	99
45) 1,2-Dichloropropane	9.081	63	95687	48.05	ug/l	98
46) Dibromomethane	9.174	93	54012	49.10	ug/l	95
47) Bromodichloromethane	9.367	83	111006	47.04	ug/l	99
48) Methyl methacrylate	9.164	41	82289	43.03	ug/l	95
49) 1,4-Dioxane	9.168	88	30547	986.98	ug/l	94
51) 4-Methyl-2-Pentanone	9.952	43	516904	232.56	ug/l	99
52) Toluene	10.122	92	215548	50.28	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	129130	46.99	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	146366	47.81	ug/l	94
55) 1,1,2-Trichloroethane	10.531	97	86025	52.61	ug/l	97
56) Ethyl methacrylate	10.399	69	130801	48.37	ug/l #	93
57) 1,3-Dichloropropane	10.675	76	145656	50.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	278604	223.07	ug/l	96
59) 2-Hexanone	10.720	43	363509	235.57	ug/l	97
60) Dibromochloromethane	10.872	129	85187	50.97	ug/l	100
61) 1,2-Dibromoethane	10.975	107	84655	51.94	ug/l	100
64) Tetrachloroethene	10.598	164	82934	45.17	ug/l	97
65) Chlorobenzene	11.402	112	231389	50.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	80542	49.71	ug/l	99
67) Ethyl Benzene	11.479	91	407446	47.32	ug/l	98
68) m/p-Xylenes	11.592	106	310627	99.64	ug/l	98
69) o-Xylene	11.917	106	153445	50.80	ug/l	98
70) Styrene	11.933	104	255368	51.36	ug/l	99
71) Bromoform	12.097	173	54668	48.80	ug/l #	98
73) Isopropylbenzene	12.219	105	394232	46.22	ug/l	100
74) N-amyl acetate	12.042	43	149547	41.45	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.476	83	118323	46.97	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	110919m	43.55	ug/l	
77) Bromobenzene	12.495	156	92952	50.33	ug/l	87
78) n-propylbenzene	12.563	91	444365	44.21	ug/l	100
79) 2-Chlorotoluene	12.643	91	268309	44.95	ug/l	99
80) 1,3,5-Trimethylbenzene	12.704	105	333634	45.94	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	39611	39.83	ug/l	91
82) 4-Chlorotoluene	12.743	91	272165	44.66	ug/l	98
83) tert-Butylbenzene	12.965	119	279605	46.17	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	333015	45.98	ug/l	97
85) sec-Butylbenzene	13.142	105	368350	45.06	ug/l	98
86) p-Isopropyltoluene	13.257	119	325614	45.11	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	162520	49.37	ug/l	98
88) 1,4-Dichlorobenzene	13.335	146	161301	48.28	ug/l	98
89) n-Butylbenzene	13.585	91	273158	42.12	ug/l	99
90) Hexachloroethane	13.843	117	55766	44.15	ug/l	96
91) 1,2-Dichlorobenzene	13.624	146	160444	49.13	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	20517	41.05	ug/l	96
93) 1,2,4-Trichlorobenzene	14.878	180	81382	41.72	ug/l	99
94) Hexachlorobutadiene	14.978	225	34840	43.18	ug/l	98
95) Naphthalene	15.100	128	258110	41.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.277	180	82700	42.86	ug/l	98

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

