

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065639.D
 Acq On : 28 Jan 2021 10:25
 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
 1/29/2021 12:00:08 PM

Quant Time: Jan 29 01:19:31 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	7.621	168	165885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	298975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	262683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	111934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	103167	47.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.54%		
35) Dibromofluoromethane	7.547	113	86789	48.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.98%		
50) Toluene-d8	10.055	98	335675	48.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.40%		
62) 4-Bromofluorobenzene	12.370	95	124860	49.79	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.58%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	94048	50.61	ug/l	99
3) Chloromethane	2.036	50	136870	50.12	ug/l	99
4) Vinyl Chloride	2.168	62	138427	50.06	ug/l	98
5) Bromomethane	2.537	94	80091	50.04	ug/l	95
6) Chloroethane	2.679	64	79992	50.01	ug/l	98
7) Trichlorofluoromethane	2.994	101	144980	50.15	ug/l	99
8) Diethyl Ether	3.377	74	67611	49.06	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.714	101	91156	51.96	ug/l	93
10) Methyl Iodide	3.907	142	129658	50.42	ug/l	96
11) Tert butyl alcohol	4.762	59	92917	227.30	ug/l	100
12) 1,1-Dichloroethene	3.695	96	93893	46.50	ug/l	90
13) Acrolein	3.569	56	76646	219.35	ug/l	98
14) Allyl chloride	4.270	41	193281	51.63	ug/l	90
15) Acrylonitrile	4.933	53	268979	252.57	ug/l	99
16) Acetone	3.782	43	223157	262.66	ug/l	99
17) Carbon Disulfide	4.003	76	285267	44.87	ug/l	99
18) Methyl Acetate	4.283	43	118666	49.85	ug/l	96
19) Methyl tert-butyl Ether	4.994	73	334518	49.62	ug/l	95
20) Methylene Chloride	4.499	84	113033	48.05	ug/l	94
21) trans-1,2-Dichloroethene	4.981	96	104724	48.80	ug/l	90
22) Diisopropyl ether	5.907	45	385850	50.42	ug/l	92
23) Vinyl Acetate	5.843	43	1565363	256.08	ug/l	97
24) 1,1-Dichloroethane	5.794	63	208444	51.10	ug/l	98
25) 2-Butanone	6.791	43	344990	258.97	ug/l	94
26) 2,2-Dichloropropane	6.772	77	163009	49.93	ug/l	99
27) cis-1,2-Dichloroethene	6.778	96	121268	49.31	ug/l	91
28) Bromochloromethane	7.145	49	78491	45.80	ug/l #	80
29) Tetrahydrofuran	7.171	42	229380	237.40	ug/l	95
30) Chloroform	7.325	83	189257	50.37	ug/l	98
31) Cyclohexane	7.608	56	191941	46.76	ug/l	94
32) 1,1,1-Trichloroethane	7.524	97	151392	49.50	ug/l	98
36) 1,1-Dichloropropene	7.749	75	152466	50.68	ug/l	97
37) Ethyl Acetate	6.884	43	145945	50.56	ug/l	99
38) Carbon Tetrachloride	7.730	117	125265	50.58	ug/l	99
39) Methylcyclohexane	9.042	83	174341	47.49	ug/l	94
40) Benzene	8.000	78	468923	51.04	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	65902	42.53	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	146036	52.72	ug/l	100
43) Isopropyl Acetate	8.126	43	252101	49.26	ug/l	99
44) Trichloroethene	8.798	130	113087	50.73	ug/l	94
45) 1,2-Dichloropropane	9.080	63	129795	51.34	ug/l	100
46) Dibromomethane	9.171	93	71483	51.19	ug/l	91
47) Bromodichloromethane	9.367	83	150930	50.38	ug/l	100
48) Methyl methacrylate	9.164	41	118798	48.93	ug/l	92
49) 1,4-Dioxane	9.174	88	37499	954.45	ug/l	91
51) 4-Methyl-2-Pentanone	9.949	43	706856	250.53	ug/l	100
52) Toluene	10.119	92	280008	51.45	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	178098	51.05	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	198726	51.14	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	106523	51.32	ug/l	96
56) Ethyl methacrylate	10.396	69	176530	51.43	ug/l	96
57) 1,3-Dichloropropane	10.675	76	191542	52.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	390713	246.44	ug/l	93
59) 2-Hexanone	10.720	43	498052	254.25	ug/l	98
60) Dibromochloromethane	10.871	129	106999	50.43	ug/l	100
61) 1,2-Dibromoethane	10.974	107	105089	50.79	ug/l	100
64) Tetrachloroethene	10.598	164	108990	49.51	ug/l	95
65) Chlorobenzene	11.402	112	280354	51.02	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.476	131	98461	50.68	ug/l	99
67) Ethyl Benzene	11.479	91	526063	50.96	ug/l	97
68) m/p-Xylenes	11.592	106	381463	102.07	ug/l	96
69) o-Xylene	11.916	106	184439	50.93	ug/l	96
70) Styrene	11.932	104	310850	52.15	ug/l	99
71) Bromoform	12.096	173	68377	50.92	ug/l #	100
73) Isopropylbenzene	12.219	105	479049	48.88	ug/l	99
74) N-amyl acetate	12.039	43	209098	50.44	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	139739	48.28	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	138533m	47.33	ug/l	
77) Bromobenzene	12.495	156	106675	50.27	ug/l	77
78) n-propylbenzene	12.559	91	564081	48.84	ug/l	97
79) 2-Chlorotoluene	12.643	91	334409	48.75	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	403570	48.36	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	55566	48.62	ug/l	92
82) 4-Chlorotoluene	12.743	91	344250	49.16	ug/l	95
83) tert-Butylbenzene	12.965	119	326879	46.97	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	405049	48.67	ug/l	100
85) sec-Butylbenzene	13.141	105	433839	46.18	ug/l	98
86) p-Isopropyltoluene	13.257	119	389792	46.99	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	188224	49.76	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	188996	49.23	ug/l	97
89) n-Butylbenzene	13.585	91	350673	47.06	ug/l	98
90) Hexachloroethane	13.842	117	66934	46.12	ug/l	93
91) 1,2-Dichlorobenzene	13.624	146	186548	49.71	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	27606	48.06	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	104431	46.19	ug/l	100
94) Hexachlorobutadiene	14.977	225	41687	44.95	ug/l	98
95) Naphthalene	15.100	128	329339	45.73	ug/l	100
96) 1,2,3-Trichlorobenzene	15.276	180	99988	44.94	ug/l	99

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

