

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065571.D
 Acq On : 25 Jan 2021 12:00
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/26/2021 5:19:49 PM

Quant Time: Jan 25 12:47:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 12:03:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	169811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	308712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	273216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	117143	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	221045	107.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	215.06%#
35) Dibromofluoromethane	7.550	113	185662	97.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	195.08%#
50) Toluene-d8	10.058	98	723377	99.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	198.32%#
62) 4-Bromofluorobenzene	12.373	95	266738	104.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	208.92%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	200010	103.13	ug/l	97
3) Chloromethane	2.036	50	290014	125.38	ug/l	99
4) Vinyl Chloride	2.168	62	296060	127.29	ug/l	99
5) Bromomethane	2.537	94	160077	104.67	ug/l	97
6) Chloroethane	2.676	64	172659	116.18	ug/l	100
7) Trichlorofluoromethane	2.991	101	308975	105.28	ug/l	100
8) Diethyl Ether	3.380	74	146533	127.03	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.717	101	184482	108.33	ug/l	95
10) Methyl Iodide	3.907	142	278509	106.06	ug/l	97
11) Tert butyl alcohol	4.778	59	205845	744.40	ug/l	99
12) 1,1-Dichloroethene	3.695	96	202129	116.46	ug/l	92
13) Acrolein	3.569	56	182024	821.35	ug/l	99
14) Allyl chloride	4.274	41	412557	147.78	ug/l	91
15) Acrylonitrile	4.939	53	582918	695.71	ug/l	99
16) Acetone	3.785	43	418045	586.86	ug/l	99
17) Carbon Disulfide	4.003	76	638959	129.39	ug/l	98
18) Methyl Acetate	4.283	43	247521	129.41	ug/l	96
19) Methyl tert-butyl Ether	5.000	73	715303	128.45	ug/l	97
20) Methylene Chloride	4.502	84	242819	112.05	ug/l	96
21) trans-1,2-Dichloroethene	4.987	96	222003	118.45	ug/l	89
22) Diisopropyl ether	5.907	45	809867	136.97	ug/l	93
23) Vinyl Acetate	5.846	43	3319446	696.87	ug/l	98
24) 1,1-Dichloroethane	5.798	63	442782	131.93	ug/l	98
25) 2-Butanone	6.794	43	729032	686.28	ug/l	94
26) 2,2-Dichloropropane	6.775	77	345041	130.93	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	259478	121.13	ug/l	92
28) Bromochloromethane	7.151	49	174711	121.52	ug/l	82
29) Tetrahydrofuran	7.174	42	491318	680.05	ug/l	96
30) Chloroform	7.328	83	400350	117.91	ug/l	98
31) Cyclohexane	7.611	56	409434	124.95	ug/l	92
32) 1,1,1-Trichloroethane	7.527	97	324309	115.13	ug/l	98
36) 1,1-Dichloropropene	7.749	75	323312	114.48	ug/l	97
37) Ethyl Acetate	6.888	43	315833	122.94	ug/l	99
38) Carbon Tetrachloride	7.733	117	270896	100.04	ug/l	98
39) Methylcyclohexane	9.045	83	387777	115.59	ug/l	95
40) Benzene	8.000	78	993118	112.47	ug/l	99
41) Methacrylonitrile	7.126	41	167206	132.70	ug/l #	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.084	62	304927	105.10	ug/l	99
43) Isopropyl Acetate	8.129	43	541666	126.58	ug/l #	91
44) Trichloroethene	8.798	130	240210	98.81	ug/l	96
45) 1,2-Dichloropropane	9.084	63	274923	122.13	ug/l	100
46) Dibromomethane	9.174	93	151964	102.00	ug/l	92
47) Bromodichloromethane	9.367	83	324369	112.25	ug/l	99
48) Methyl methacrylate	9.164	41	258354	127.46	ug/l	92
49) 1,4-Dioxane	9.180	88	81616	2614.37	ug/l	91
51) 4-Methyl-2-Pentanone	9.952	43	1502614	597.91	ug/l	100
52) Toluene	10.122	92	591034	109.43	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	388234	122.35	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	432280	123.69	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	222936	104.65	ug/l	95
56) Ethyl methacrylate	10.399	69	377310	125.11	ug/l	95
57) 1,3-Dichloropropane	10.675	76	402257	114.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.662	63	853051	609.37	ug/l	94
59) 2-Hexanone	10.720	43	1058719	591.77	ug/l	98
60) Dibromochloromethane	10.871	129	235042	104.22	ug/l	100
61) 1,2-Dibromoethane	10.974	107	229347	104.89	ug/l	99
64) Tetrachloroethene	10.598	164	226913	91.81	ug/l	96
65) Chlorobenzene	11.402	112	597158	105.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	212433	102.86	ug/l	99
67) Ethyl Benzene	11.479	91	1120816	112.38	ug/l	96
68) m/p-Xylenes	11.592	106	812425	214.50	ug/l	97
69) o-Xylene	11.916	106	393176	107.82	ug/l	97
70) Styrene	11.932	104	664974	111.47	ug/l	98
71) Bromoform	12.096	173	151969	99.87	ug/l #	99
73) Isopropylbenzene	12.219	105	1026892	117.46	ug/l	99
74) N-ethyl acetate	12.042	43	455010	140.44	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	293693	115.86	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	276280m	113.46	ug/l	
77) Bromobenzene	12.495	156	229010	100.90	ug/l	77
78) n-propylbenzene	12.563	91	1211417	120.77	ug/l	97
79) 2-Chlorotoluene	12.643	91	704466	117.70	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	863810	115.80	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	122025	151.21	ug/l	91
82) 4-Chlorotoluene	12.743	91	732697	118.91	ug/l	95
83) tert-Butylbenzene	12.965	119	713873	112.59	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	868306	117.38	ug/l	100
85) sec-Butylbenzene	13.141	105	972952	116.49	ug/l	98
86) p-Isopropyltoluene	13.260	119	876848	116.02	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	403966	101.10	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	404095	99.88	ug/l	98
89) n-Butylbenzene	13.585	91	812070	124.33	ug/l	98
90) Hexachloroethane	13.846	117	161306	127.50	ug/l	93
91) 1,2-Dichlorobenzene	13.624	146	393682	98.81	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	62476	137.17	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	241572	124.47	ug/l	100
94) Hexachlorobutadiene	14.977	225	96498	86.81	ug/l	99
95) Naphthalene	15.100	128	782751	141.54	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	241483	123.40	ug/l	100

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