

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065572.D
 Acq On : 25 Jan 2021 12:25
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 1/26/2021 5:19:51 PM

Quant Time: Jan 25 12:47:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 12:41:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	162435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	294062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	261925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	118703	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	327099	166.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	332.70%#
35) Dibromofluoromethane	7.547	113	272898	150.52	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	301.04%#
50) Toluene-d8	10.058	98	1066313	153.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	306.92%#
62) 4-Bromofluorobenzene	12.373	95	394859	162.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	324.68%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.837	85	282814	152.45	ug/l 99
3) Chloromethane	2.033	50	407232	184.05	ug/l 100
4) Vinyl Chloride	2.168	62	416497	187.21	ug/l 99
5) Bromomethane	2.518	94	238503	163.03	ug/l 97
6) Chloroethane	2.669	64	237715	167.22	ug/l 99
7) Trichlorofluoromethane	2.988	101	431797	153.81	ug/l 99
8) Diethyl Ether	3.377	74	205325	186.08	ug/l 94
9) 1,1,2-Trichlorotrifluo...	3.714	101	267151	164.00	ug/l 94
10) Methyl Iodide	3.904	142	391556	155.89	ug/l 97
11) Tert butyl alcohol	4.769	59	305624	1155.43	ug/l 100
12) 1,1-Dichloroethene	3.692	96	285857	172.18	ug/l 93
13) Acrolein	3.566	56	276578	1304.68	ug/l 99
14) Allyl chloride	4.271	41	585218	219.15	ug/l 90
15) Acrylonitrile	4.936	53	831815	1037.85	ug/l 99
16) Acetone	3.782	43	606125	889.53	ug/l 99
17) Carbon Disulfide	4.000	76	915639	193.84	ug/l 98
18) Methyl Acetate	4.283	43	352489	192.65	ug/l 97
19) Methyl tert-butyl Ether	4.997	73	1005267	188.71	ug/l 95
20) Methylene Chloride	4.499	84	341375	164.68	ug/l 96
21) trans-1,2-Dichloroethene	4.984	96	312638	174.39	ug/l 87
22) Diisopropyl ether	5.907	45	1126008	199.09	ug/l 92
23) Vinyl Acetate	5.846	43	4629896	1016.12	ug/l 98
24) 1,1-Dichloroethane	5.795	63	621768	193.67	ug/l 97
25) 2-Butanone	6.795	43	1046606	1029.97	ug/l 94
26) 2,2-Dichloropropane	6.772	77	485808	192.72	ug/l 99
27) cis-1,2-Dichloroethene	6.778	96	368714	179.93	ug/l 92
28) Bromochloromethane	7.148	49	255032	185.45	ug/l 82
29) Tetrahydrofuran	7.171	42	700683	1013.87	ug/l 96
30) Chloroform	7.328	83	563278	173.43	ug/l 99
31) Cyclohexane	7.608	56	586621	187.15	ug/l 92
32) 1,1,1-Trichloroethane	7.528	97	456323	169.34	ug/l 98
36) 1,1-Dichloropropene	7.750	75	461242	171.46	ug/l 97
37) Ethyl Acetate	6.888	43	446298	182.38	ug/l 99
38) Carbon Tetrachloride	7.730	117	381178	147.79	ug/l 98
39) Methylcyclohexane	9.045	83	565387	176.93	ug/l 95
40) Benzene	8.000	78	1397118	166.10	ug/l 98
41) Methacrylonitrile	7.126	41	231026	192.49	ug/l # 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.084	62	434426	157.19	ug/l	99
43) Isopropyl Acetate	8.129	43	771784	189.35	ug/l #	92
44) Trichloroethene	8.798	130	338131	146.03	ug/l	95
45) 1,2-Dichloropropane	9.084	63	388010	180.96	ug/l	99
46) Dibromomethane	9.174	93	215916	152.14	ug/l	92
47) Bromodichloromethane	9.367	83	460738	167.38	ug/l	99
48) Methyl methacrylate	9.164	41	367018	190.10	ug/l	92
49) 1,4-Dioxane	9.174	88	120643	4057.04	ug/l	93
51) 4-Methyl-2-Pentanone	9.952	43	2113693	882.97	ug/l	99
52) Toluene	10.122	92	833781	162.06	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	550956	182.28	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	611108	183.56	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	315426	155.44	ug/l	96
56) Ethyl methacrylate	10.399	69	534087	185.92	ug/l	95
57) 1,3-Dichloropropane	10.675	76	566573	169.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	1218124	913.51	ug/l	94
59) 2-Hexanone	10.720	43	1534652	900.52	ug/l	98
60) Dibromochloromethane	10.872	129	331340	154.23	ug/l	100
61) 1,2-Dibromoethane	10.974	107	324634	155.87	ug/l	100
64) Tetrachloroethene	10.598	164	311662	131.54	ug/l	96
65) Chlorobenzene	11.402	112	846371	155.63	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	298021	150.53	ug/l	98
67) Ethyl Benzene	11.479	91	1576689	164.91	ug/l	97
68) m/p-Xylenes	11.592	106	1155209	318.16	ug/l	98
69) o-Xylene	11.917	106	549682	157.24	ug/l	96
70) Styrene	11.933	104	943369	164.96	ug/l	98
71) Bromoform	12.097	173	214666	147.16	ug/l #	99
73) Isopropylbenzene	12.219	105	1449794	163.65	ug/l	99
74) N-ethyl acetate	12.042	43	666976	203.16	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	436434	169.90	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	433726m	175.78	ug/l	
77) Bromobenzene	12.495	156	321597	139.83	ug/l	76
78) n-propylbenzene	12.563	91	1735259	170.71	ug/l	97
79) 2-Chlorotoluene	12.643	91	999780	164.84	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	1230659	162.82	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	178939	218.83	ug/l	91
82) 4-Chlorotoluene	12.743	91	1054123	168.82	ug/l	95
83) tert-Butylbenzene	12.965	119	1017481	158.37	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	1242236	165.72	ug/l	100
85) sec-Butylbenzene	13.142	105	1391830	164.46	ug/l	98
86) p-Isopropyltoluene	13.261	119	1256964	164.13	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	595182	147.00	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	597831	145.82	ug/l	98
89) n-Butylbenzene	13.585	91	1187436	179.41	ug/l	98
90) Hexachloroethane	13.842	117	232870	181.64	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	591410	146.49	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	96968	210.10	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	385320	195.93	ug/l	100
94) Hexachlorobutadiene	14.977	225	148903	132.19	ug/l	99
95) Naphthalene	15.096	128	1224038	218.42	ug/l	100
96) 1,2,3-Trichlorobenzene	15.277	180	373545	188.37	ug/l	100

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