

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057246.D
 Acq On : 13 Aug 2019 13:28
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:58:22 AM

Quant Time: Aug 14 11:12:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 05:31:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1209892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1755391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1610844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	767453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	1794797	135.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.56%	
35) Dibromofluoromethane	7.58	113	1646401	148.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.78%	
50) Toluene-d8	10.09	98	6252577	147.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.12%	
62) 4-Bromofluorobenzene	12.40	95	2279958	159.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1449634	128.686	ug/l	99
3) Chloromethane	2.05	50	1716790	115.600	ug/l	99
4) Vinyl Chloride	2.18	62	1706047	119.526	ug/l	98
5) Bromomethane	2.52	94	1024953	118.823	ug/l	99
6) Chloroethane	2.67	64	1120396m	131.788	ug/l	
7) Trichlorofluoromethane	3.01	101	2578228	136.832	ug/l	99
8) Diethyl Ether	3.40	74	981318	135.917	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1543193	136.844	ug/l	100
10) Methyl Iodide	3.94	142	2595235	166.644	ug/l	99
11) Tert butyl alcohol	4.77	59	1258285	593.588	ug/l #	82
12) 1,1-Dichloroethene	3.73	96	1561006	138.336	ug/l	98
13) Acrolein	3.60	56	877421	968.899	ug/l	99
14) Allyl chloride	4.31	41	2445317	127.732	ug/l	99
15) Acrylonitrile	4.97	53	3563194	578.042	ug/l	99
16) Acetone	3.81	43	2994114	508.700	ug/l	98
17) Carbon Disulfide	4.05	76	4402209	146.760	ug/l	98
18) Methyl Acetate	4.31	43	1607568	99.774	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	4737782	133.059	ug/l	100
20) Methylene Chloride	4.54	84	1732644	130.220	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	1661734	139.589	ug/l	99
22) Diisopropyl ether	5.94	45	4620101	122.994	ug/l	98
23) Vinyl Acetate	5.88	43	19160820	631.993	ug/l	100
24) 1,1-Dichloroethane	5.84	63	2908075	131.443	ug/l	99
25) 2-Butanone	6.82	43	4522295	529.194	ug/l	100
26) 2,2-Dichloropropane	6.82	77	2481468	152.050	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	1914270	139.635	ug/l	99
28) Bromochloromethane	7.19	49	1248245	122.209	ug/l	99
29) Tetrahydrofuran	7.20	42	2840658	511.883	ug/l	99
30) Chloroform	7.36	83	2969687	133.146	ug/l	97
31) Cyclohexane	7.64	56	2512875	121.870	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	2685377	150.623	ug/l	99
36) 1,1-Dichloropropene	7.79	75	2309968	142.589	ug/l	99
37) Ethyl Acetate	6.91	43	1814456	118.508	ug/l	99
38) Carbon Tetrachloride	7.77	117	2460767	159.109	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2769703	139.412	ug/l	100
40) Benzene	8.03	78	6886003	139.369	ug/l	99
41) Methacrylonitrile	7.17	41	801148m	120.360	ug/l	
42) 1,2-Dichloroethane	8.12	62	2214124	141.110	ug/l	100
43) Isopropyl Acetate	8.16	43	3177947	130.113	ug/l	100
44) Trichloroethene	8.83	130	1986934	146.240	ug/l	98
45) 1,2-Dichloropropane	9.11	63	1764308	135.563	ug/l	99
46) Dibromomethane	9.20	93	1167926	143.131	ug/l	99
47) Bromodichloromethane	9.40	83	2398271	153.556	ug/l	100
48) Methyl methacrylate	9.19	41	1508381	128.512	ug/l	99
49) 1,4-Dioxane	9.19	88	611072	2497.553	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	9235439	592.118	ug/l	100
52) Toluene	10.15	92	4392059	148.604	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	2671648	163.671	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	2928119	155.236	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1682793	136.985	ug/l	99
56) Ethyl methacrylate	10.43	69	2613395	149.565	ug/l	100
57) 1,3-Dichloropropane	10.70	76	2795717	139.495	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	3815890	492.429	ug/l	100
59) 2-Hexanone	10.75	43	6672042	598.971	ug/l	99
60) Dibromochloromethane	10.90	129	2037782	166.277	ug/l	99
61) 1,2-Dibromoethane	11.00	107	1820570	148.641	ug/l	100
64) Tetrachloroethene	10.63	164	1902512	136.270	ug/l	99
65) Chlorobenzene	11.43	112	4904304	148.433	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1870058	152.675	ug/l	99
67) Ethyl Benzene	11.51	91	8557112	148.050	ug/l	100
68) m/p-Xylenes	11.62	106	6573161	304.529	ug/l	100
69) o-Xylene	11.95	106	3176052	149.716	ug/l	100
70) Styrene	11.96	104	5521465	161.533	ug/l	100
71) Bromoform	12.13	173	1623044	174.375	ug/l #	100
73) Isopropylbenzene	12.25	105	8636230	137.015	ug/l	99
74) N-amyl acetate	12.07	43	2705878	120.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	2303208	111.110	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1935313m	117.120	ug/l	
77) Bromobenzene	12.53	156	2353292	142.496	ug/l	99
78) n-propylbenzene	12.59	91	9685644	139.909	ug/l	100
79) 2-Chlorotoluene	12.67	91	5725025	132.977	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	7403246	139.042	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	835407	152.592	ug/l	98
82) 4-Chlorotoluene	12.77	91	5833591	143.891	ug/l	99
83) tert-Butylbenzene	12.99	119	6481756	138.532	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	7278387	141.099	ug/l	100
85) sec-Butylbenzene	13.17	105	8450437	143.050	ug/l	99
86) p-Isopropyltoluene	13.29	119	7861172	147.688	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	3874538	145.298	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	3740019	145.032	ug/l	100
89) n-Butylbenzene	13.62	91	6215143	148.527	ug/l	99
90) Hexachloroethane	13.88	117	1398723	158.331	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	3561415	131.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	376764	117.784	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1562575	133.553	ug/l	100
94) Hexachlorobutadiene	15.01	225	1373569	136.592	ug/l	100
95) Naphthalene	15.13	128	3749997	124.793	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	1489994	124.891	ug/l	99

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

