

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055980.D
 Acq On : 4 Jun 2019 10:27
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 4:03:45 PM

Quant Time: Jun 04 10:47:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 10:26:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	326097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	476237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	471044	144.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.78%	
35) Dibromofluoromethane	7.59	113	436503	149.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.48%	
50) Toluene-d8	10.09	98	1692863	150.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.42%	
62) 4-Bromofluorobenzene	12.40	95	592557	156.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	537973	172.074	ug/l	99
3) Chloromethane	2.06	50	554878	158.443	ug/l	99
4) Vinyl Chloride	2.18	62	561654	160.192	ug/l	100
5) Bromomethane	2.52	94	270761	115.287	ug/l	99
6) Chloroethane	2.67	64	296845	143.317	ug/l	99
7) Trichlorofluoromethane	3.00	101	677530	149.611	ug/l	100
8) Diethyl Ether	3.40	74	272940	145.965	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	411937	149.771	ug/l	99
10) Methyl Iodide	3.93	142	681730	157.590	ug/l	99
11) Tert butyl alcohol	4.82	59	414992	733.210	ug/l	100
12) 1,1-Dichloroethene	3.72	96	426238	156.893	ug/l	97
13) Acrolein	3.60	56	123903	765.630	ug/l	98
14) Allyl chloride	4.31	41	682440	159.548	ug/l	99
15) Acrylonitrile	4.99	53	1092657	806.646	ug/l	99
16) Acetone	3.82	43	1079910	687.705	ug/l	99
17) Carbon Disulfide	4.03	76	1141123	179.872	ug/l	100
18) Methyl Acetate	4.32	43	454902	131.042	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1320916	151.655	ug/l	99
20) Methylene Chloride	4.54	84	477033	149.424	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	448863	153.652	ug/l	97
22) Diisopropyl ether	5.95	45	1372209	154.298	ug/l	96
23) Vinyl Acetate	5.89	43	5744048	830.965	ug/l	99
24) 1,1-Dichloroethane	5.84	63	776939	150.879	ug/l	99
25) 2-Butanone	6.84	43	1516269	780.156	ug/l	99
26) 2,2-Dichloropropane	6.82	77	615687	153.706	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	522754	151.945	ug/l	97
28) Bromochloromethane	7.19	49	361897	148.165	ug/l	98
29) Tetrahydrofuran	7.21	42	931296	774.160	ug/l	98
30) Chloroform	7.37	83	779720	150.449	ug/l	99
31) Cyclohexane	7.65	56	735353	141.504	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	679585	158.417	ug/l	99
36) 1,1-Dichloropropene	7.79	75	609062	148.484	ug/l	99
37) Ethyl Acetate	6.93	43	576508	159.983	ug/l	99
38) Carbon Tetrachloride	7.77	117	587903	156.918	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	777438	152.894	ug/l	98
40) Benzene	8.04	78	1871495	150.569	ug/l	100
41) Methacrylonitrile	7.17	41	271146	164.319	ug/l	95
42) 1,2-Dichloroethane	8.12	62	580342	144.112	ug/l	99
43) Isopropyl Acetate	8.17	43	954440	164.205	ug/l #	92
44) Trichloroethene	8.83	130	537710	150.548	ug/l	99
45) 1,2-Dichloropropane	9.12	63	485030	152.709	ug/l	100
46) Dibromomethane	9.21	93	318995	153.765	ug/l	99
47) Bromodichloromethane	9.40	83	613289	165.169	ug/l	98
48) Methyl methacrylate	9.20	41	461519	161.888	ug/l	96
49) 1,4-Dioxane	9.20	88	192840	3111.546	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2819037	766.269	ug/l	99
52) Toluene	10.15	92	1201310	156.311	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	695180	184.206	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	770297	174.314	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	475085	156.004	ug/l	99
56) Ethyl methacrylate	10.43	69	733625	167.159	ug/l	99
57) 1,3-Dichloropropane	10.71	76	774973	156.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1408558	933.902	ug/l	100
59) 2-Hexanone	10.75	43	2050950	769.784	ug/l	99
60) Dibromochloromethane	10.90	129	531089	186.422	ug/l	99
61) 1,2-Dibromoethane	11.00	107	505993	163.955	ug/l	98
64) Tetrachloroethene	10.63	164	521109	134.505	ug/l	99
65) Chlorobenzene	11.43	112	1299062	148.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	487240	163.633	ug/l	100
67) Ethyl Benzene	11.51	91	2299298	151.260	ug/l	98
68) m/p-Xylenes	11.62	106	1773836	306.070	ug/l	98
69) o-Xylene	11.95	106	854349	149.233	ug/l	99
70) Styrene	11.96	104	1478377	165.462	ug/l	99
71) Bromoform	12.13	173	397919	190.308	ug/l #	99
73) Isopropylbenzene	12.25	105	2221892	124.067	ug/l	99
74) N-amyl acetate	12.07	43	789503	135.588	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	634662	123.440	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	516194m	122.460	ug/l	
77) Bromobenzene	12.53	156	610739	129.727	ug/l	96
78) n-propylbenzene	12.59	91	2489025	134.528	ug/l	99
79) 2-Chlorotoluene	12.67	91	1462559	124.105	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1878462	126.602	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	199863	173.579	ug/l	100
82) 4-Chlorotoluene	12.77	91	1481028	137.242	ug/l	99
83) tert-Butylbenzene	12.99	119	1609549	120.965	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1880311	134.901	ug/l	100
85) sec-Butylbenzene	13.17	105	2126037	128.933	ug/l	100
86) p-Isopropyltoluene	13.29	119	1992495	136.120	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1031368	143.813	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1014458	147.686	ug/l	99
89) n-Butylbenzene	13.61	91	1649178	155.398	ug/l	100
90) Hexachloroethane	13.87	117	327530	150.835	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1007481	138.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	117836	168.505	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	649052	209.912	ug/l	99
94) Hexachlorobutadiene	15.01	225	358693	124.338	ug/l	99
95) Naphthalene	15.13	128	1664652	207.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	646629	192.876	ug/l	100

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

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