

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058157.D
 Acq On : 18 Sep 2019 11:11
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 1:14:33 PM

Quant Time: Sep 19 02:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 01:40:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	597332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	986222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	904057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	454568	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	1253288	110.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.14%	
35) Dibromofluoromethane	7.57	113	921807	108.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.46%	
50) Toluene-d8	10.08	98	3305577	100.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.90%	
62) 4-Bromofluorobenzene	12.40	95	1356473	107.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	704181	92.276	ug/l	99
3) Chloromethane	2.03	50	563805	72.908	ug/l	99
4) Vinyl Chloride	2.17	62	615436	75.283	ug/l	100
5) Bromomethane	2.52	94	336587m	69.678	ug/l	
6) Chloroethane	2.67	64	388012	74.088	ug/l	99
7) Trichlorofluoromethane	3.00	101	907364	87.252	ug/l	99
8) Diethyl Ether	3.39	74	435640	98.557	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	670501	100.905	ug/l	100
10) Methyl Iodide	3.93	142	664910	94.384	ug/l	99
11) Tert butyl alcohol	4.76	59	793896	588.809	ug/l	99
12) 1,1-Dichloroethene	3.72	96	548975	92.134	ug/l	97
13) Acrolein	3.59	56	122086	119.749	ug/l	98
14) Allyl chloride	4.30	41	1188662	101.444	ug/l	100
15) Acrylonitrile	4.96	53	2057160	543.247	ug/l	100
16) Acetone	3.79	43	2027745	544.765	ug/l	98
17) Carbon Disulfide	4.03	76	793104	73.017	ug/l	98
18) Methyl Acetate	4.30	43	1097550	110.176	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	2743818	110.057	ug/l	98
20) Methylene Chloride	4.53	84	744199	91.982	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	595929	92.516	ug/l	98
22) Diisopropyl ether	5.93	45	3060205	111.375	ug/l	99
23) Vinyl Acetate	5.87	43	9007461	465.252	ug/l #	83
24) 1,1-Dichloroethane	5.82	63	1557283	103.850	ug/l	100
25) 2-Butanone	6.81	43	2957214	548.505	ug/l	98
26) 2,2-Dichloropropane	6.80	77	1345046	113.028	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	869145	100.193	ug/l	98
28) Bromochloromethane	7.18	49	760891	101.604	ug/l	99
29) Tetrahydrofuran	7.19	42	1812312	545.458	ug/l	99
30) Chloroform	7.36	83	1656689	105.374	ug/l	99
31) Cyclohexane	7.64	56	1010196	91.452	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	1340807	107.610	ug/l	100
36) 1,1-Dichloropropene	7.78	75	1001159	93.411	ug/l	99
37) Ethyl Acetate	6.91	43	1137298	102.373	ug/l	99
38) Carbon Tetrachloride	7.76	117	1085561	110.473	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1040458	92.578	ug/l	99
40) Benzene	8.03	78	3065162	94.990	ug/l	98
41) Methacrylonitrile	7.15	41	553032m	109.785	ug/l	
42) 1,2-Dichloroethane	8.11	62	1331662	102.847	ug/l	100
43) Isopropyl Acetate	8.15	43	2089514	111.801	ug/l	100
44) Trichloroethene	8.82	130	781723	98.491	ug/l	100
45) 1,2-Dichloropropane	9.11	63	967570	102.662	ug/l	100
46) Dibromomethane	9.20	93	588919	103.514	ug/l	99
47) Bromodichloromethane	9.39	83	1338064	118.110	ug/l	98
48) Methyl methacrylate	9.19	41	1005596	106.672	ug/l	99
49) 1,4-Dioxane	9.19	88	317385	1981.303	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	4569007	417.812	ug/l #	79
52) Toluene	10.15	92	1996964	98.366	ug/l	91
53) t-1,3-Dichloropropene	10.38	75	1467911	123.294	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1534036	116.636	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	925849	107.528	ug/l	99
56) Ethyl methacrylate	10.43	69	1458905	113.093	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1559725	105.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	3262090	542.039	ug/l	93
59) 2-Hexanone	10.75	43	3758242	459.668	ug/l	86
60) Dibromochloromethane	10.90	129	1029689	128.973	ug/l	99
61) 1,2-Dibromoethane	11.00	107	869279	107.075	ug/l	99
64) Tetrachloroethene	10.63	164	631334	100.139	ug/l	98
65) Chlorobenzene	11.43	112	2287304	102.763	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	936787	120.987	ug/l	100
67) Ethyl Benzene	11.51	91	3532203	90.643	ug/l #	78
68) m/p-Xylenes	11.62	106	2950140	206.754	ug/l #	72
69) o-Xylene	11.95	106	1546042	109.324	ug/l	85
70) Styrene	11.97	104	2662300	109.408	ug/l	96
71) Bromoform	12.13	173	692710	144.034	ug/l	99
73) Isopropylbenzene	12.25	105	3602722	105.754	ug/l	88
74) N-amyl acetate	12.07	43	1971763	133.741	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	1435492	125.225	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	1212814m	122.960	ug/l	
77) Bromobenzene	12.53	156	1040631	121.865	ug/l	99
78) n-propylbenzene	12.60	91	3923738	100.448	ug/l	85
79) 2-Chlorotoluene	12.68	91	2858155	115.482	ug/l	96
80) 1,3,5-Trimethylbenzene	12.74	105	3234744	112.254	ug/l	87
81) trans-1,4-Dichloro-2-buten	12.30	75	456038	163.437	ug/l	96
82) 4-Chlorotoluene	12.78	91	3010985	118.449	ug/l	94
83) tert-Butylbenzene	13.00	119	3018873	117.902	ug/l	94
84) 1,2,4-Trimethylbenzene	13.05	105	3217423	110.168	ug/l	88
85) sec-Butylbenzene	13.18	105	3601686	106.273	ug/l	90
86) p-Isopropyltoluene	13.29	119	3335862	111.859	ug/l	88
87) 1,3-Dichlorobenzene	13.29	146	1974553	126.585	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1983825	124.861	ug/l	99
89) n-Butylbenzene	13.62	91	3280036	116.066	ug/l	87
90) Hexachloroethane	13.88	117	696278	156.110	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	1981098	126.781	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.28	75	305729	160.805	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	1411422	136.700	ug/l	100
94) Hexachlorobutadiene	15.02	225	629564	142.210	ug/l	97
95) Naphthalene	15.13	128	3405691	115.126	ug/l	95
96) 1,2,3-Trichlorobenzene	15.30	180	1327672	131.462	ug/l	100

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

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