

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059311.D
 Acq On : 19 Nov 2019 17:36
 Operator : JC/SP
 Sample : VN1119WBSD04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD04

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:36:57 PM

Quant Time: Nov 20 02:59:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	386345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	610728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	542761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	249149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	225479	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.57	113	183173	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.08	98	676597	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.40	95	252097	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	109606	28.158	ug/l 99
3) Chloromethane	2.04	50	126155	23.842	ug/l 99
4) Vinyl Chloride	2.17	62	132823	25.891	ug/l 100
5) Bromomethane	2.55	94	71695	24.286	ug/l 99
6) Chloroethane	2.69	64	67699	22.308	ug/l 99
7) Trichlorofluoromethane	3.00	101	134463	21.913	ug/l 100
8) Diethyl Ether	3.38	74	55956	22.443	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	83472	22.562	ug/l 99
10) Methyl Iodide	3.93	142	98680	21.548	ug/l 100
11) Tert butyl alcohol	4.74	59	84822	93.717	ug/l 98
12) 1,1-Dichloroethene	3.71	96	81617	22.646	ug/l 97
13) Acrolein	3.58	56	32189	68.980	ug/l 98
14) Allyl chloride	4.29	41	151689	20.490	ug/l 98
15) Acrylonitrile	4.95	53	229143	101.730	ug/l 97
16) Acetone	3.79	43	223301	90.418	ug/l 97
17) Carbon Disulfide	4.03	76	259582	23.203	ug/l 99
18) Methyl Acetate	4.29	43	136327	23.256	ug/l 100
19) Methyl tert-butyl Ether	5.01	73	273987	22.081	ug/l 100
20) Methylene Chloride	4.52	84	96060	22.326	ug/l 96
21) trans-1,2-Dichloroethene	5.01	96	89456	23.124	ug/l 92
22) Diisopropyl ether	5.92	45	298476	21.345	ug/l 93
23) Vinyl Acetate	5.86	43	1166257	107.615	ug/l 100
24) 1,1-Dichloroethane	5.82	63	171736	21.989	ug/l 99
25) 2-Butanone	6.80	43	313310	96.259	ug/l 98
26) 2,2-Dichloropropane	6.80	77	143143	20.960	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	98470	21.940	ug/l 98
28) Bromochloromethane	7.17	49	48402	20.599	ug/l 97
29) Tetrahydrofuran	7.18	42	209247	101.176	ug/l 98
30) Chloroform	7.35	83	159949	21.349	ug/l 97
31) Cyclohexane	7.63	56	161232	21.807	ug/l 95
32) 1,1,1-Trichloroethane	7.55	97	137584	21.843	ug/l 100
36) 1,1-Dichloropropene	7.77	75	123377	21.613	ug/l 99
37) Ethyl Acetate	6.90	43	126297	19.888	ug/l 98
38) Carbon Tetrachloride	7.75	117	120909	21.280	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	152340	22.994	ug/l	99
40) Benzene	8.02	78	372186	21.651	ug/l	100
41) Methacrylonitrile	7.15	41	55864m	20.230	ug/l	
42) 1,2-Dichloroethane	8.10	62	124920	21.188	ug/l	99
43) Isopropyl Acetate	8.14	43	199837	19.738	ug/l	98
44) Trichloroethene	8.82	130	94733	22.418	ug/l	100
45) 1,2-Dichloropropane	9.10	63	100571	21.539	ug/l	98
46) Dibromomethane	9.19	93	61338	21.081	ug/l	99
47) Bromodichloromethane	9.39	83	121382	20.892	ug/l	99
48) Methyl methacrylate	9.18	41	88452	19.532	ug/l	96
49) 1,4-Dioxane	9.18	88	29337	364.525	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	612132	106.855	ug/l	100
52) Toluene	10.15	92	228323	22.160	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	141426	21.069	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	155473	21.532	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	88707	21.273	ug/l	99
56) Ethyl methacrylate	10.42	69	128919	19.715	ug/l	99
57) 1,3-Dichloropropane	10.70	76	153017	21.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	219007	94.373	ug/l	100
59) 2-Hexanone	10.74	43	437961	99.605	ug/l	99
60) Dibromochloromethane	10.90	129	92940	21.081	ug/l	98
61) 1,2-Dibromoethane	11.00	107	89935	21.305	ug/l	99
64) Tetrachloroethene	10.63	164	84844	22.989	ug/l	96
65) Chlorobenzene	11.43	112	235692	22.276	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	86647	21.831	ug/l	100
67) Ethyl Benzene	11.51	91	425832	22.684	ug/l	99
68) m/p-Xylenes	11.62	106	313538	44.588	ug/l	99
69) o-Xylene	11.95	106	151492	22.293	ug/l	99
70) Styrene	11.96	104	234787	21.968	ug/l	99
71) Bromoform	12.13	173	64295	20.826	ug/l #	99
73) Isopropylbenzene	12.25	105	408036	22.515	ug/l	100
74) N-amyl acetate	12.07	43	151963	19.788	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	128350	20.796	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	117613m	20.735	ug/l	
77) Bromobenzene	12.53	156	97893	21.499	ug/l	97
78) n-propylbenzene	12.59	91	467794	22.543	ug/l	99
79) 2-Chlorotoluene	12.67	91	277956	21.592	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	341743	22.254	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43617	20.310	ug/l	96
82) 4-Chlorotoluene	12.77	91	279117	21.618	ug/l	98
83) tert-Butylbenzene	12.99	119	290483	21.904	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	337247	22.699	ug/l	99
85) sec-Butylbenzene	13.17	105	388004	22.496	ug/l	99
86) p-Isopropyltoluene	13.29	119	348878	22.909	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	169146	21.693	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	165644	21.233	ug/l	98
89) n-Butylbenzene	13.62	91	301141	22.593	ug/l	100
90) Hexachloroethane	13.88	117	63221	20.674	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	164874	21.496	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25092	20.394	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	91675	21.546	ug/l	97
94) Hexachlorobutadiene	15.01	225	58937	22.285	ug/l	99
95) Naphthalene	15.13	128	237265	20.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	89615	20.848	ug/l	100

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

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