

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056082.D
 Acq On : 7 Jun 2019 7:14
 Operator : JC/SP
 Sample : K3190-17MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW304S-30190604MSD

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 9:42:00 AM

Quant Time: Jun 07 09:22:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	286559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	433068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	390954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	152639	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
35) Dibromofluoromethane	7.59	113	138197	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.09	98	521704	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	177494	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	146770	46.645	ug/l	99
3) Chloromethane	2.06	50	167000	53.761	ug/l	99
4) Vinyl Chloride	2.18	62	166529	53.445	ug/l	99
5) Bromomethane	2.53	94	101013	51.320	ug/l	99
6) Chloroethane	2.68	64	94221	52.154	ug/l	99
7) Trichlorofluoromethane	3.00	101	196623	49.430	ug/l	100
8) Diethyl Ether	3.40	74	82447	50.401	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	114198	47.261	ug/l	100
10) Methyl Iodide	3.94	142	178118	46.386	ug/l	99
11) Tert butyl alcohol	4.81	59	144295	291.421	ug/l	99
12) 1,1-Dichloroethene	3.72	96	125147	52.023	ug/l	97
13) Acrolein	3.60	56	31213	218.574	ug/l	93
14) Allyl chloride	4.31	41	190968	50.273	ug/l	98
15) Acrylonitrile	4.99	53	360613	299.185	ug/l	100
16) Acetone	3.82	43	293411	215.614	ug/l	99
17) Carbon Disulfide	4.04	76	277333	48.149	ug/l	99
18) Methyl Acetate	4.33	43	152925	57.295	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	410123	53.485	ug/l	98
20) Methylene Chloride	4.54	84	148091	52.822	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	133134	51.652	ug/l	97
22) Diisopropyl ether	5.95	45	420109	53.502	ug/l	99
23) Vinyl Acetate	5.90	43	1704567	275.656	ug/l	100
24) 1,1-Dichloroethane	5.84	63	240914	53.188	ug/l	99
25) 2-Butanone	6.84	43	471627	274.306	ug/l	100
26) 2,2-Dichloropropane	6.82	77	97735	27.652	ug/l	93
27) cis-1,2-Dichloroethene	6.82	96	159439	52.623	ug/l	93
28) Bromochloromethane	7.19	49	116409	54.346	ug/l	97
29) Tetrahydrofuran	7.22	42	314360	295.786	ug/l	99
30) Chloroform	7.37	83	241689	53.042	ug/l	99
31) Cyclohexane	7.65	56	207644	45.991	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	197819	51.989	ug/l	99
36) 1,1-Dichloropropene	7.79	75	177217	47.591	ug/l	99
37) Ethyl Acetate	6.93	43	184869	55.797	ug/l	99
38) Carbon Tetrachloride	7.77	117	165395	48.176	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	196414	42.342	ug/l	99
40) Benzene	8.04	78	572195	50.592	ug/l	100
41) Methacrylonitrile	7.18	41	89270	58.560	ug/l	97
42) 1,2-Dichloroethane	8.12	62	182427	50.145	ug/l	99
43) Isopropyl Acetate	8.17	43	283610	52.823	ug/l	93
44) Trichloroethene	8.83	130	160626	49.425	ug/l	99
45) 1,2-Dichloropropane	9.12	63	149033	51.445	ug/l	99
46) Dibromomethane	9.21	93	97676	51.560	ug/l	98
47) Bromodichloromethane	9.40	83	176105	51.291	ug/l	99
48) Methyl methacrylate	9.20	41	144206	54.900	ug/l	96
49) 1,4-Dioxane	9.20	88	62134	1095.702	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	931383	277.401	ug/l	99
52) Toluene	10.15	92	358534	50.944	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	168859	42.334	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	197200	47.783	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	146509	52.554	ug/l	99
56) Ethyl methacrylate	10.43	69	223082	54.851	ug/l	98
57) 1,3-Dichloropropane	10.71	76	236572	52.202	ug/l	100
59) 2-Hexanone	10.75	43	656856	269.927	ug/l	99
60) Dibromochloromethane	10.90	129	144578	47.169	ug/l	100
61) 1,2-Dibromoethane	11.00	107	152190	53.401	ug/l	100
64) Tetrachloroethene	10.63	164	150965	44.610	ug/l	98
65) Chlorobenzene	11.43	112	387320	49.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	138071	51.392	ug/l	100
67) Ethyl Benzene	11.51	91	662412	48.961	ug/l	98
68) m/p-Xylenes	11.62	106	512612	99.182	ug/l	98
69) o-Xylene	11.95	106	252794	49.724	ug/l	99
70) Stvrene	11.96	104	421766	52.214	ug/l	100
71) Bromoform	12.13	173	102412	45.656	ug/l #	100
73) Isopropylbenzene	12.25	105	655155	52.764	ug/l	100
74) N-amyl acetate	12.07	43	235636	50.617	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	202404	49.925	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	184758m	57.495	ug/l	
77) Bromobenzene	12.52	156	179706	48.063	ug/l	97
78) n-propylbenzene	12.59	91	698191	47.257	ug/l	99
79) 2-Chlorotoluene	12.67	91	430090	52.604	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	541792	46.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	39591	41.029	ug/l	89
82) 4-Chlorotoluene	12.77	91	416418	48.176	ug/l	100
83) tert-Butylbenzene	12.99	119	478665	52.686	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	530945	47.683	ug/l	99
85) sec-Butylbenzene	13.17	105	603530	46.127	ug/l	100
86) p-Isopropyltoluene	13.29	119	546891	46.704	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	286454	49.501	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	274790	49.363	ug/l	100
89) n-Butylbenzene	13.61	91	399648	46.072	ug/l	100
90) Hexachloroethane	13.87	117	82495	46.715	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	285352	48.841	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31882	54.982	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	136630	43.083	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	94186	46.872	ug/l	99
95) Naphthalene	15.13	128	389522	46.892	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	153802	47.064	ug/l	99

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

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