

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050122.D
 Acq On : 27 Jul 2018 8:36
 Operator : MD\SY
 Sample : J4184-06MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSMSD

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 12:17:10 PM

Quant Time: Jul 27 11:09:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	711405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1107509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1009856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	522535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	487374	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.59	113	440706	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.09	98	1632990	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.40	95	565961	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	460482	45.05	ug/l	99
3) Chloromethane	2.06	50	467002	42.03	ug/l	99
4) Vinyl Chloride	2.18	62	529487	45.25	ug/l	98
5) Bromomethane	2.56	94	105411	15.53	ug/l	99
6) Chloroethane	2.70	64	312761	44.51	ug/l	99
7) Trichlorofluoromethane	3.01	101	683221	45.07	ug/l	100
8) Diethyl Ether	3.41	74	255653	50.59	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	381331	41.84	ug/l	98
10) Methyl Iodide	3.95	142	261543	22.36	ug/l	97
11) Tert butyl alcohol	4.80	59	179983	246.44	ug/l	100
12) 1,1-Dichloroethene	3.73	96	391836	47.79	ug/l	99
13) Acrolein	3.61	56	69146	117.84	ug/l	95
14) Allyl chloride	4.32	41	592726	46.62	ug/l	99
15) Acrylonitrile	4.99	53	748984	235.06	ug/l	100
16) Acetone	3.82	43	580584	248.30	ug/l	98
17) Carbon Disulfide	4.05	76	1124905	44.78	ug/l	99
18) Methyl Acetate	4.33	43	365897	39.91	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1161332	53.15	ug/l	98
20) Methylene Chloride	4.55	84	448096	50.94	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	418814	48.20	ug/l	99
22) Diisopropyl ether	5.96	45	1312102	52.05	ug/l	99
23) Vinyl Acetate	5.90	43	3302569	185.38	ug/l	99
24) 1,1-Dichloroethane	5.85	63	787705	47.78	ug/l	100
25) 2-Butanone	6.84	43	880676	232.62	ug/l	97
26) 2,2-Dichloropropane	6.83	77	320011	25.52	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	479183	51.23	ug/l	95
28) Bromochloromethane	7.20	49	368550	49.02	ug/l	97
29) Tetrahydrofuran	7.22	42	578963	236.65	ug/l	98
30) Chloroform	7.37	83	800879	47.61	ug/l	99
31) Cyclohexane	7.66	56	638607	46.71	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	688625	47.86	ug/l	99
36) 1,1-Dichloropropene	7.80	75	595233	47.70	ug/l	99
37) Ethyl Acetate	6.93	43	304843	35.04	ug/l	99
38) Carbon Tetrachloride	7.78	117	598263	45.19	ug/l	100

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

39) Methylcyclohexane	9.08	83	599620	46.71	ug/l	98
40) Benzene	8.05	78	3112903	81.99	ug/l	100
41) Methacrylonitrile	7.18	41	210993	46.76	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	579768	45.77	ug/l	99
43) Isopropyl Acetate	8.17	43	670150	40.67	ug/l	99
44) Trichloroethene	8.84	130	482232	47.27	ug/l	99
45) 1,2-Dichloropropane	9.12	63	471434	46.88	ug/l	99
46) Dibromomethane	9.21	93	288477	46.20	ug/l	98
47) Bromodichloromethane	9.41	83	613966	46.58	ug/l	100
48) Methyl methacrylate	9.20	41	367643	49.07	ug/l	99
49) 1,4-Dioxane	9.20	88	99293	973.83	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1992997	233.04	ug/l	99
52) Toluene	10.16	92	1287166	57.43	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	571610	45.96	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	638500	44.92	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	417024	46.91	ug/l	99
56) Ethyl methacrylate	10.43	69	550760	45.91	ug/l	98
57) 1,3-Dichloropropane	10.71	76	698772	48.27	ug/l	100
59) 2-Hexanone	10.75	43	1349971	215.55	ug/l	99
60) Dibromochloromethane	10.90	129	471594	47.91	ug/l	98
61) 1,2-Dibromoethane	11.01	107	419642	47.58	ug/l	98
64) Tetrachloroethene	10.63	164	418537	43.11	ug/l	99
65) Chlorobenzene	11.44	112	1222963	47.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	462009	47.14	ug/l	99
67) Ethyl Benzene	11.51	91	2977971	72.68	ug/l	100
68) m/p-Xylenes	11.62	106	1802661	116.31	ug/l	100
69) o-Xylene	11.95	106	950096	64.30	ug/l	99
70) Stvrene	11.97	104	1256897	47.87	ug/l	98
71) Bromoform	12.13	173	332344	46.61	ug/l	98
73) Isopropylbenzene	12.25	105	2289789	56.50	ug/l	100
74) N-amyl acetate	12.07	43	471452	38.06	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	545807	50.44	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	422642m	43.52	ug/l	
77) Bromobenzene	12.53	156	563760	50.19	ug/l	93
78) n-propylbenzene	12.59	91	2379832	52.54	ug/l	99
79) 2-Chlorotoluene	12.68	91	1447157	51.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1717870	53.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	99553	32.52	ug/l	98
82) 4-Chlorotoluene	12.78	91	1414628	50.88	ug/l	99
83) tert-Butylbenzene	12.99	119	1492615	53.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1897658	59.06	ug/l	99
85) sec-Butylbenzene	13.17	105	1951637	52.51	ug/l	100
86) p-Isopropyltoluene	13.29	119	1703736	54.40	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	939492	49.34	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	917161	49.42	ug/l	99
89) n-Butylbenzene	13.62	91	1400937	54.40	ug/l	98
90) Hexachloroethane	13.88	117	287555	41.35	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	937890	49.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	89966	49.82	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	519603	51.38	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	277496	47.62	ug/l	99
95) Naphthalene	15.14	128	2774757	110.42	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	515201	52.30	ug/l	99

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

