

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050121.D
 Acq On : 27 Jul 2018 8:12
 Operator : MD\SY
 Sample : J4184-05MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSMS

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 12:17:04 PM

Quant Time: Jul 27 08:50:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	732448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1140138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1034398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	530320	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	502776	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.59	113	454445	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	10.09	98	1664287	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.40	95	573705	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	469825	44.64	ug/l	99
3) Chloromethane	2.06	50	489696	42.81	ug/l	100
4) Vinyl Chloride	2.18	62	547300	45.43	ug/l	96
5) Bromomethane	2.56	94	112136	16.08	ug/l	99
6) Chloroethane	2.70	64	324700	44.88	ug/l	100
7) Trichlorofluoromethane	3.01	101	706933	45.30	ug/l	100
8) Diethyl Ether	3.41	74	263945	50.73	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	392161	41.79	ug/l	99
10) Methyl Iodide	3.95	142	298961	24.82	ug/l	97
11) Tert butyl alcohol	4.80	59	181133	240.89	ug/l	100
12) 1,1-Dichloroethene	3.73	96	406337	48.13	ug/l	97
13) Acrolein	3.61	56	67505	111.74	ug/l	93
14) Allyl chloride	4.32	41	607327	46.40	ug/l	99
15) Acrylonitrile	4.99	53	761094	232.00	ug/l	100
16) Acetone	3.82	43	578906	240.33	ug/l	100
17) Carbon Disulfide	4.05	76	1165223	45.06	ug/l	99
18) Methyl Acetate	4.33	43	377251	39.97	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1194755	53.11	ug/l	100
20) Methylene Chloride	4.55	84	459690	50.75	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	434948	48.62	ug/l	98
22) Diisopropyl ether	5.96	45	1359887	52.39	ug/l	99
23) Vinyl Acetate	5.90	43	3451952	188.20	ug/l	100
24) 1,1-Dichloroethane	5.85	63	822541	48.46	ug/l	100
25) 2-Butanone	6.84	43	893819	229.31	ug/l	99
26) 2,2-Dichloropropane	6.83	77	332379	25.74	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	499386	51.86	ug/l	95
28) Bromochloromethane	7.20	49	381578	49.29	ug/l	97
29) Tetrahydrofuran	7.22	42	590993	234.63	ug/l	98
30) Chloroform	7.37	83	830148	47.93	ug/l	98
31) Cyclohexane	7.66	56	667313	47.41	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	705814	47.64	ug/l	99
36) 1,1-Dichloropropene	7.80	75	612810	47.71	ug/l	99
37) Ethyl Acetate	6.93	43	313820	35.04	ug/l	99
38) Carbon Tetrachloride	7.78	117	617833	45.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	610511	46.20	ug/l	97
40) Benzene	8.04	78	3667336	93.82	ug/l	99
41) Methacrylonitrile	7.18	41	238115	50.99	ug/l #	76
42) 1,2-Dichloroethane	8.13	62	593114	45.48	ug/l	99
43) Isopropyl Acetate	8.17	43	693873	40.91	ug/l	99
44) Trichloroethene	8.84	130	495958	47.22	ug/l	99
45) 1,2-Dichloropropane	9.12	63	485362	46.88	ug/l	98
46) Dibromomethane	9.21	93	296455	46.12	ug/l	98
47) Bromodichloromethane	9.40	83	632508	46.62	ug/l	99
48) Methyl methacrylate	9.20	41	375574	48.69	ug/l	99
49) 1,4-Dioxane	9.20	88	100831	960.61	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	2011295	228.45	ug/l	99
52) Toluene	10.16	92	1386329	60.08	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	577947	45.14	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	654396	44.72	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	428759	46.85	ug/l	99
56) Ethyl methacrylate	10.43	69	561759	45.50	ug/l	98
57) 1,3-Dichloropropane	10.71	76	715271	48.00	ug/l	100
59) 2-Hexanone	10.75	43	1346258	208.97	ug/l	98
60) Dibromochloromethane	10.90	129	478351	47.21	ug/l	98
61) 1,2-Dibromoethane	11.01	107	423803	46.67	ug/l	98
64) Tetrachloroethene	10.63	164	426524	42.89	ug/l	99
65) Chlorobenzene	11.44	112	1244517	47.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	470036	46.82	ug/l	99
67) Ethyl Benzene	11.51	91	3389001	80.74	ug/l	100
68) m/p-Xylenes	11.62	106	1909660	120.29	ug/l	99
69) o-Xylene	11.95	106	1027899	67.92	ug/l	99
70) Stvrene	11.97	104	1267191	47.13	ug/l	97
71) Bromoform	12.13	173	330912	45.31	ug/l #	98
73) Isopropylbenzene	12.25	105	2403841	58.45	ug/l	100
74) N-amyl acetate	12.07	43	475749	37.85	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	547156	49.80	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	445894m	45.24	ug/l	
77) Bromobenzene	12.53	156	569535	49.96	ug/l	93
78) n-propylbenzene	12.59	91	2432845	52.92	ug/l	100
79) 2-Chlorotoluene	12.68	91	1485186	52.12	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1769529	54.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	101803	32.76	ug/l	97
82) 4-Chlorotoluene	12.77	91	1431287	50.72	ug/l	99
83) tert-Butylbenzene	12.99	119	1508785	53.44	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2014246	61.77	ug/l	99
85) sec-Butylbenzene	13.17	105	1988195	52.70	ug/l	100
86) p-Isopropyltoluene	13.29	119	1742554	54.82	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	951947	49.26	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	928453	49.29	ug/l	100
89) n-Butylbenzene	13.62	91	1423883	54.47	ug/l	98
90) Hexachloroethane	13.88	117	280156	39.69	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	938499	48.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	88824	48.44	ug/l	93
93) 1,2,4-Trichlorobenzene	14.91	180	527411	51.39	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	272124	46.02	ug/l	99
95) Naphthalene	15.14	128	3731017	144.86	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	522322	52.24	ug/l	99

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

