

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050075.D
 Acq On : 26 Jul 2018 12:03
 Operator : MD\SY
 Sample : VN0726WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 12:15:29 PM

Quant Time: Jul 27 01:44:26 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	684033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1003228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	887087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	446794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	442444	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
35) Dibromofluoromethane	7.59	113	399604	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.09	98	1478463	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	474305	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	195622	19.90	ug/l	100
3) Chloromethane	2.06	50	189206	17.71	ug/l	98
4) Vinyl Chloride	2.18	62	202933	18.04	ug/l	99
5) Bromomethane	2.56	94	122760	19.03	ug/l	98
6) Chloroethane	2.70	64	118567	17.55	ug/l	100
7) Trichlorofluoromethane	3.01	101	266158	18.26	ug/l	100
8) Diethyl Ether	3.41	74	87734	18.06	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	165387	18.87	ug/l	100
10) Methyl Iodide	3.95	142	197312	17.54	ug/l	99
11) Tert butyl alcohol	4.80	59	59732	85.06	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	141299	17.92	ug/l	97
13) Acrolein	3.61	56	33954	60.18	ug/l	97
14) Allyl chloride	4.32	41	225306	18.43	ug/l	99
15) Acrylonitrile	4.99	53	268043	87.49	ug/l	100
16) Acetone	3.82	43	229422	99.44	ug/l	99
17) Carbon Disulfide	4.05	76	422214	17.48	ug/l	99
18) Methyl Acetate	4.33	43	176962	19.24	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	393473	18.73	ug/l	99
20) Methylene Chloride	4.55	84	164953	18.71	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	151818	18.17	ug/l	98
22) Diisopropyl ether	5.96	45	475768	19.63	ug/l	98
23) Vinyl Acetate	5.90	43	1562996	91.24	ug/l	99
24) 1,1-Dichloroethane	5.85	63	290283	18.31	ug/l	99
25) 2-Butanone	6.84	43	332669	91.39	ug/l	100
26) 2,2-Dichloropropane	6.82	77	241790	20.05	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	169770	18.88	ug/l	100
28) Bromochloromethane	7.20	49	132292	18.30	ug/l	99
29) Tetrahydrofuran	7.22	42	210499	89.49	ug/l	98
30) Chloroform	7.37	83	296118	18.31	ug/l	98
31) Cyclohexane	7.66	56	244525	18.56	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	256631	18.55	ug/l	99
36) 1,1-Dichloropropene	7.79	75	216679	19.17	ug/l	100
37) Ethyl Acetate	6.93	43	140375	17.81	ug/l	99
38) Carbon Tetrachloride	7.77	117	226564	18.89	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	225942	19.43	ug/l	99
40) Benzene	8.04	78	664699	19.33	ug/l	99
41) Methacrylonitrile	7.19	41	74422m	19.88	ug/l	
42) 1,2-Dichloroethane	8.13	62	215805	18.81	ug/l	99
43) Isopropyl Acetate	8.17	43	284929	18.47	ug/l	95
44) Trichloroethene	8.84	130	174509	18.88	ug/l	98
45) 1,2-Dichloropropane	9.12	63	176385	19.36	ug/l	98
46) Dibromomethane	9.21	93	105419	18.64	ug/l	99
47) Bromodichloromethane	9.40	83	225275	18.87	ug/l	100
48) Methyl methacrylate	9.20	41	124592	18.36	ug/l	96
49) 1,4-Dioxane	9.20	88	33127	358.67	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	713718	92.13	ug/l	99
52) Toluene	10.16	92	405747	19.99	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	219132	19.45	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	252818	19.64	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	153629	19.08	ug/l	99
56) Ethyl methacrylate	10.43	69	180165	17.88	ug/l	98
57) 1,3-Dichloropropane	10.71	76	249081	18.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	413172	86.83	ug/l	100
59) 2-Hexanone	10.75	43	467509	85.60	ug/l	99
60) Dibromochloromethane	10.90	129	169055	18.96	ug/l	99
61) 1,2-Dibromoethane	11.01	107	146664	18.36	ug/l	99
64) Tetrachloroethene	10.63	164	169242	19.84	ug/l	97
65) Chlorobenzene	11.44	112	431960	19.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	164863	19.15	ug/l	99
67) Ethyl Benzene	11.51	91	716824	19.91	ug/l	100
68) m/p-Xylenes	11.62	106	555155	40.78	ug/l	99
69) o-Xylene	11.95	106	260941	20.11	ug/l	100
70) Styrene	11.97	104	416926	18.65	ug/l	99
71) Bromoform	12.13	173	116247	18.56	ug/l #	99
73) Isopropylbenzene	12.25	105	699631	20.19	ug/l	100
74) N-amyl acetate	12.07	43	188667	17.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	187127	19.13	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	161766m	19.48	ug/l	
77) Bromobenzene	12.53	156	181005	18.85	ug/l	99
78) n-propylbenzene	12.59	91	807558	20.85	ug/l	100
79) 2-Chlorotoluene	12.68	91	486991	20.29	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	581804	21.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	48492	18.52	ug/l	94
82) 4-Chlorotoluene	12.78	91	484995	20.40	ug/l	99
83) tert-Butylbenzene	12.99	119	494874	20.81	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	591516	21.53	ug/l	99
85) sec-Butylbenzene	13.17	105	668742	21.04	ug/l	100
86) p-Isopropyltoluene	13.29	119	571644	21.35	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	313918	19.28	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	300241	18.92	ug/l	96
89) n-Butylbenzene	13.62	91	449835	20.43	ug/l	99
90) Hexachloroethane	13.88	117	111818	18.80	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	309398	19.01	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27776	17.46	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131945	17.43	ug/l	98
94) Hexachlorobutadiene	15.01	225	101137	20.30	ug/l	99
95) Naphthalene	15.14	128	263853	16.20	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	138039	17.90	ug/l	98

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

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