

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050210.D
 Acq On : 31 Jul 2018 13:13
 Operator : MD\SY
 Sample : VN0731WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/1/2018 11:14:08 AM

Quant Time: Jul 31 18:16:41 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	7.66	168	638225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	937194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	851411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	426996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	418388	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	7.59	113	374317	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.09	98	1390956	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.40	95	454639	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	176599	19.258	ug/l 99
3) Chloromethane	2.06	50	167317	16.785	ug/l 98
4) Vinyl Chloride	2.18	62	179917	17.139	ug/l 99
5) Bromomethane	2.56	94	69549	11.151	ug/l 97
6) Chloroethane	2.70	64	107120	16.992	ug/l 95
7) Trichlorofluoromethane	3.01	101	246461	18.124	ug/l 99
8) Diethyl Ether	3.41	74	82810	18.266	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	152403	18.637	ug/l 99
10) Methyl Iodide	3.95	142	69496	6.622	ug/l 98
11) Tert butyl alcohol	4.80	59	54413	83.049	ug/l 98
12) 1,1-Dichloroethene	3.73	96	130032	17.677	ug/l 94
13) Acrolein	3.61	56	13842	26.295	ug/l 95
14) Allyl chloride	4.32	41	208479	18.278	ug/l 99
15) Acrylonitrile	4.99	53	250097	87.492	ug/l 99
16) Acetone	3.82	43	208000	96.500	ug/l 98
17) Carbon Disulfide	4.05	76	366119	16.247	ug/l 100
18) Methyl Acetate	4.33	43	173897	20.349	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	368244	18.785	ug/l 99
20) Methylene Chloride	4.55	84	156014	18.982	ug/l 97
21) trans-1,2-Dichloroethene	5.04	96	139402	17.885	ug/l 100
22) Diisopropyl ether	5.95	45	447411	19.783	ug/l 96
23) Vinyl Acetate	5.90	43	1429254	89.426	ug/l 100
24) 1,1-Dichloroethane	5.85	63	273568	18.498	ug/l 99
25) 2-Butanone	6.84	43	304124	89.540	ug/l 100
26) 2,2-Dichloropropane	6.82	77	227216	20.196	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	157767	18.803	ug/l 98
28) Bromochloromethane	7.19	49	122187	18.114	ug/l 99
29) Tetrahydrofuran	7.21	42	188545	85.906	ug/l 99
30) Chloroform	7.37	83	283283	18.771	ug/l 95
31) Cyclohexane	7.65	56	223881	18.210	ug/l 93
32) 1,1,1-Trichloroethane	7.57	97	236656	18.332	ug/l 99
36) 1,1-Dichloropropene	7.79	75	202154	19.146	ug/l 99
37) Ethyl Acetate	6.93	43	130273	17.696	ug/l 98
38) Carbon Tetrachloride	7.77	117	211750	18.900	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	203402	18.726	ug/l	97
40) Benzene	8.04	78	622336	19.369	ug/l	99
41) Methacrylonitrile	7.18	41	66746	19.200	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	202243	18.868	ug/l	99
43) Isopropyl Acetate	8.17	43	249638	17.248	ug/l	99
44) Trichloroethene	8.83	130	160659	18.609	ug/l	99
45) 1,2-Dichloropropane	9.12	63	165822	19.485	ug/l	99
46) Dibromomethane	9.21	93	101335	19.177	ug/l	99
47) Bromodichloromethane	9.40	83	212012	19.010	ug/l	98
48) Methyl methacrylate	9.20	41	117722	18.568	ug/l	99
49) 1,4-Dioxane	9.20	88	33008	382.562	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	673651	93.086	ug/l	99
52) Toluene	10.16	92	380805	20.078	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	204003	19.384	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	236635	19.674	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	145534	19.346	ug/l	98
56) Ethyl methacrylate	10.43	69	168869	17.929	ug/l	99
57) 1,3-Dichloropropane	10.71	76	237885	19.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	356443	80.840	ug/l	100
59) 2-Hexanone	10.75	43	444553	87.042	ug/l	99
60) Dibromochloromethane	10.90	129	159467	19.146	ug/l	98
61) 1,2-Dibromoethane	11.01	107	137533	18.426	ug/l	98
64) Tetrachloroethene	10.63	164	154370	18.858	ug/l	99
65) Chlorobenzene	11.43	112	416571	19.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	159634	19.318	ug/l	99
67) Ethyl Benzene	11.51	91	685833	19.852	ug/l	100
68) m/p-Xylenes	11.62	106	537749	41.152	ug/l	99
69) o-Xylene	11.95	106	249131	19.999	ug/l	99
70) Styrene	11.96	104	401564	18.714	ug/l	100
71) Bromoform	12.13	173	109413	18.202	ug/l #	99
73) Isopropylbenzene	12.25	105	683010	20.625	ug/l	100
74) N-amyl acetate	12.07	43	177157	17.504	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	179898	19.251	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	148265m	18.684	ug/l	
77) Bromobenzene	12.53	156	175413	19.112	ug/l	99
78) n-propylbenzene	12.59	91	782976	21.153	ug/l	100
79) 2-Chlorotoluene	12.67	91	471876	20.568	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	560579	21.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	46815	18.712	ug/l	99
82) 4-Chlorotoluene	12.77	91	476966	20.994	ug/l	100
83) tert-Butylbenzene	12.99	119	477827	21.020	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	565773	21.549	ug/l	100
85) sec-Butylbenzene	13.17	105	646080	21.271	ug/l	100
86) p-Isopropyltoluene	13.29	119	545230	21.303	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	304547	19.573	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	292044	19.257	ug/l	98
89) n-Butylbenzene	13.62	91	420414	19.976	ug/l	99
90) Hexachloroethane	13.88	117	108065	19.016	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	299659	19.266	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27096	17.842	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	127204	17.556	ug/l	99
94) Hexachlorobutadiene	15.01	225	94666	19.882	ug/l	100
95) Naphthalene	15.14	128	244706	15.856	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	131418	17.842	ug/l	99

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

