

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050134.D
 Acq On : 27 Jul 2018 17:03
 Operator : MD\SY
 Sample : VN0727WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 1:37:19 PM

Quant Time: Jul 27 23:56:05 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	690431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1029151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	929020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	463802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	465828	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	7.59	113	414995	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.09	98	1505662	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	504087	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	199436	20.104	ug/l	99
3) Chloromethane	2.06	50	184841	17.141	ug/l	99
4) Vinyl Chloride	2.18	62	206367	18.173	ug/l	99
5) Bromomethane	2.56	94	78470	11.675	ug/l	99
6) Chloroethane	2.70	64	122673	17.987	ug/l	99
7) Trichlorofluoromethane	3.01	101	275667	18.739	ug/l	99
8) Diethyl Ether	3.41	74	97222	19.824	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	164933	18.644	ug/l	100
10) Methyl Iodide	3.95	142	96306	8.482	ug/l	98
11) Tert butyl alcohol	4.81	59	78193	110.319	ug/l	99
12) 1,1-Dichloroethene	3.73	96	149727	18.816	ug/l	96
13) Acrolein	3.61	56	28415	49.897	ug/l	99
14) Allyl chloride	4.32	41	232089	18.809	ug/l	98
15) Acrylonitrile	4.99	53	304663	98.521	ug/l	99
16) Acetone	3.82	43	234685	100.837	ug/l	98
17) Carbon Disulfide	4.05	76	415114	17.028	ug/l	100
18) Methyl Acetate	4.33	43	199183	21.645	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	441209	20.805	ug/l	99
20) Methylene Chloride	4.55	84	173751	19.580	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	158137	18.754	ug/l	98
22) Diisopropyl ether	5.96	45	497002	20.314	ug/l	99
23) Vinyl Acetate	5.90	43	1678121	97.058	ug/l	100
24) 1,1-Dichloroethane	5.85	63	301011	18.815	ug/l	99
25) 2-Butanone	6.84	43	365646	99.514	ug/l	97
26) 2,2-Dichloropropane	6.83	77	234649	19.279	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	179369	19.761	ug/l	99
28) Bromochloromethane	7.20	49	139232	19.080	ug/l	96
29) Tetrahydrofuran	7.22	42	236093	99.436	ug/l	97
30) Chloroform	7.38	83	307909	18.860	ug/l	100
31) Cyclohexane	7.66	56	250871	18.865	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	265822	19.035	ug/l	100
36) 1,1-Dichloropropene	7.80	75	225551	19.453	ug/l	99
37) Ethyl Acetate	6.94	43	160298	19.829	ug/l	98
38) Carbon Tetrachloride	7.78	117	232637	18.909	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	232778	19.515	ug/l	99
40) Benzene	8.05	78	689613	19.545	ug/l	99
41) Methacrylonitrile	7.18	41	68899	18.213	ug/l	96
42) 1,2-Dichloroethane	8.13	62	226369	19.231	ug/l	99
43) Isopropyl Acetate	8.17	43	312538	19.828	ug/l #	92
44) Trichloroethene	8.84	130	179680	18.952	ug/l	99
45) 1,2-Dichloropropane	9.12	63	181756	19.449	ug/l	98
46) Dibromomethane	9.21	93	111991	19.300	ug/l	97
47) Bromodichloromethane	9.41	83	232724	19.002	ug/l	98
48) Methyl methacrylate	9.20	41	141517	20.327	ug/l	99
49) 1,4-Dioxane	9.20	88	40884	431.506	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	820789	103.283	ug/l	100
52) Toluene	10.16	92	421514	20.239	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	229911	19.894	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	259982	19.684	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	162296	19.646	ug/l	99
56) Ethyl methacrylate	10.43	69	207036	19.780	ug/l	98
57) 1,3-Dichloropropane	10.71	76	269538	20.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	437462	89.347	ug/l	99
59) 2-Hexanone	10.76	43	544681	96.519	ug/l	100
60) Dibromochloromethane	10.90	129	183258	20.036	ug/l	99
61) 1,2-Dibromoethane	11.01	107	158287	19.312	ug/l	97
64) Tetrachloroethene	10.63	164	168178	18.829	ug/l	98
65) Chlorobenzene	11.44	112	454746	19.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	172814	19.166	ug/l	99
67) Ethyl Benzene	11.52	91	762201	20.219	ug/l	100
68) m/p-Xylenes	11.62	106	591939	41.515	ug/l	100
69) o-Xylene	11.95	106	286264	21.061	ug/l	99
70) Styrene	11.97	104	448972	19.152	ug/l	100
71) Bromoform	12.13	173	128552	19.599	ug/l #	99
73) Isopropylbenzene	12.25	105	765342	21.277	ug/l	100
74) N-amyl acetate	12.07	43	224175	20.391	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	214209	21.280	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	171471m	19.894	ug/l	
77) Bromobenzene	12.53	156	194677	19.527	ug/l	99
78) n-propylbenzene	12.59	91	845103	21.020	ug/l	99
79) 2-Chlorotoluene	12.68	91	523099	20.991	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	620620	21.935	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	52837	19.443	ug/l	98
82) 4-Chlorotoluene	12.78	91	508880	20.621	ug/l	99
83) tert-Butylbenzene	13.00	119	538689	21.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	629155	22.061	ug/l	100
85) sec-Butylbenzene	13.17	105	715529	21.688	ug/l	100
86) p-Isopropyltoluene	13.29	119	608947	21.905	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	335966	19.879	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	323764	19.655	ug/l	99
89) n-Butylbenzene	13.62	91	483480	21.150	ug/l	99
90) Hexachloroethane	13.88	117	115578	18.724	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	339415	20.090	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34200	20.866	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	157406	19.570	ug/l	99
94) Hexachlorobutadiene	15.01	225	105880	20.472	ug/l	99
95) Naphthalene	15.14	128	375289	20.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	166406	20.433	ug/l	98

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

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