

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050132.D
 Acq On : 27 Jul 2018 16:13
 Operator : MD\SY
 Sample : VN0727WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 1:37:18 PM

Quant Time: Jul 27 23:50:00 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	717462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	928324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	472783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	470476	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
35) Dibromofluoromethane	7.59	113	417618	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	10.09	98	1535832	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.40	95	505386	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	197129	19.122	ug/l	98
3) Chloromethane	2.06	50	179870	16.052	ug/l	99
4) Vinyl Chloride	2.18	62	203058	17.207	ug/l	98
5) Bromomethane	2.56	94	75157	10.680	ug/l	96
6) Chloroethane	2.70	64	119571	16.872	ug/l	100
7) Trichlorofluoromethane	3.01	101	274013	17.925	ug/l	99
8) Diethyl Ether	3.41	74	93122	18.272	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	168633	18.344	ug/l	99
10) Methyl Iodide	3.95	142	85284	7.228	ug/l	99
11) Tert butyl alcohol	4.81	59	73111	99.263	ug/l	100
12) 1,1-Dichloroethene	3.73	96	147400	17.825	ug/l	98
13) Acrolein	3.61	56	26465	44.722	ug/l	96
14) Allyl chloride	4.32	41	231203	18.031	ug/l	99
15) Acrylonitrile	4.99	53	286921	89.288	ug/l	99
16) Acetone	3.82	43	232526	95.940	ug/l	99
17) Carbon Disulfide	4.05	76	413169	16.310	ug/l	100
18) Methyl Acetate	4.33	43	192225	19.982	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	430597	19.540	ug/l	98
20) Methylene Chloride	4.55	84	167835	18.110	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	159027	18.149	ug/l	97
22) Diisopropyl ether	5.96	45	488174	19.201	ug/l	99
23) Vinyl Acetate	5.90	43	1636081	91.061	ug/l	100
24) 1,1-Dichloroethane	5.85	63	299131	17.993	ug/l	99
25) 2-Butanone	6.84	43	352770	92.392	ug/l	98
26) 2,2-Dichloropropane	6.83	77	243827	19.279	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	180381	19.124	ug/l	99
28) Bromochloromethane	7.20	49	140854	18.575	ug/l	97
29) Tetrahydrofuran	7.22	42	228540	92.628	ug/l	99
30) Chloroform	7.37	83	305394	18.001	ug/l	97
31) Cyclohexane	7.65	56	254274	18.399	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	264538	18.229	ug/l	100
36) 1,1-Dichloropropene	7.79	75	221590	18.702	ug/l	100
37) Ethyl Acetate	6.94	43	148445	17.969	ug/l	98
38) Carbon Tetrachloride	7.77	117	230261	18.315	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	235187	19.295	ug/l	99
40) Benzene	8.04	78	679467	18.845	ug/l	100
41) Methacrylonitrile	7.18	41	71581	18.471	ug/l	91
42) 1,2-Dichloroethane	8.13	62	219907	18.282	ug/l	99
43) Isopropyl Acetate	8.17	43	294396	18.186	ug/l	100
44) Trichloroethene	8.84	130	179587	18.536	ug/l	98
45) 1,2-Dichloropropane	9.12	63	178143	18.654	ug/l	98
46) Dibromomethane	9.21	93	109537	18.472	ug/l	97
47) Bromodichloromethane	9.40	83	230148	18.389	ug/l	99
48) Methyl methacrylate	9.20	41	136548	19.192	ug/l	98
49) 1,4-Dioxane	9.20	88	38650	399.183	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	785739	96.754	ug/l	100
52) Toluene	10.16	92	414177	19.460	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	227569	19.270	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	259084	19.196	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	161500	19.131	ug/l	98
56) Ethyl methacrylate	10.43	69	196228	18.493	ug/l	99
57) 1,3-Dichloropropane	10.71	76	261499	19.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	425532	85.458	ug/l	99
59) 2-Hexanone	10.75	43	521643	90.780	ug/l	99
60) Dibromochloromethane	10.90	129	178005	19.045	ug/l	100
61) 1,2-Dibromoethane	11.01	107	156302	18.661	ug/l	99
64) Tetrachloroethene	10.63	164	168968	18.932	ug/l	98
65) Chlorobenzene	11.44	112	450028	19.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	170644	18.940	ug/l	99
67) Ethyl Benzene	11.51	91	756192	20.075	ug/l	99
68) m/p-Xylenes	11.62	106	586420	41.159	ug/l	100
69) o-Xylene	11.95	106	282050	20.766	ug/l	99
70) Styrene	11.97	104	439506	18.782	ug/l	100
71) Bromoform	12.13	173	122651	18.714	ug/l #	99
73) Isopropylbenzene	12.25	105	759548	20.715	ug/l	100
74) N-amyl acetate	12.07	43	210026	18.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	206310	20.005	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	162907m	18.541	ug/l	
77) Bromobenzene	12.53	156	193823	19.072	ug/l	99
78) n-propylbenzene	12.59	91	849818	20.735	ug/l	100
79) 2-Chlorotoluene	12.68	91	519865	20.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	626555	21.724	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	51052	18.430	ug/l	98
82) 4-Chlorotoluene	12.78	91	512447	20.371	ug/l	99
83) tert-Butylbenzene	12.99	119	534750	21.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	639863	22.010	ug/l	99
85) sec-Butylbenzene	13.17	105	716046	21.291	ug/l	100
86) p-Isopropyltoluene	13.29	119	608255	21.464	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	334594	19.422	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	325169	19.365	ug/l	99
89) n-Butylbenzene	13.62	91	470497	20.191	ug/l	99
90) Hexachloroethane	13.88	117	115168	18.303	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	335371	19.474	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31202	18.589	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	148379	18.330	ug/l	98
94) Hexachlorobutadiene	15.01	225	104396	19.802	ug/l	99
95) Naphthalene	15.14	128	330198	18.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	157052	19.082	ug/l	99

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

