

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051666.D
 Acq On : 4 Oct 2018 14:55
 Operator : MD\SY
 Sample : VN1004WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1004WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:53:13 PM

Quant Time: Oct 05 06:52:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	471547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	714533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	643910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	306086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	313543	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.59	113	276348	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.09	98	1009679	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.40	95	321269	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	117218	20.569	ug/l	99
3) Chloromethane	2.06	50	116250	21.602	ug/l	98
4) Vinyl Chloride	2.18	62	188131	22.193	ug/l	99
5) Bromomethane	2.57	94	133280	20.445	ug/l	96
6) Chloroethane	2.70	64	120362	21.126	ug/l	98
7) Trichlorofluoromethane	3.01	101	184258	20.069	ug/l	98
8) Diethyl Ether	3.41	74	49175	19.907	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	95429	20.254	ug/l	97
10) Methyl Iodide	3.95	142	98802	17.457	ug/l	98
11) Tert butyl alcohol	4.80	59	40366	95.348	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	85892	19.559	ug/l	98
13) Acrolein	3.61	56	25841	97.701	ug/l	95
14) Allyl chloride	4.33	41	129683	19.362	ug/l	97
15) Acrylonitrile	4.99	53	146544	100.310	ug/l	97
16) Acetone	3.82	43	115551	99.403	ug/l	97
17) Carbon Disulfide	4.05	76	257928	19.323	ug/l	99
18) Methyl Acetate	4.33	43	70807	20.593	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	279457	19.280	ug/l	97
20) Methylene Chloride	4.55	84	98548	19.228	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	99292	19.081	ug/l	93
22) Diisopropyl ether	5.96	45	280602	19.544	ug/l	99
23) Vinyl Acetate	5.90	43	1020190	96.640	ug/l	100
24) 1,1-Dichloroethane	5.85	63	175375	18.993	ug/l	98
25) 2-Butanone	6.84	43	181528	100.916	ug/l	99
26) 2,2-Dichloropropane	6.83	77	180460	19.502	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	113710	18.823	ug/l	100
28) Bromochloromethane	7.20	49	73222	17.912	ug/l	97
29) Tetrahydrofuran	7.22	42	111287	100.815	ug/l	99
30) Chloroform	7.37	83	194619	18.759	ug/l	98
31) Cyclohexane	7.65	56	164286	19.428	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	184331	18.331	ug/l	99
36) 1,1-Dichloropropene	7.80	75	140423	18.802	ug/l	99
37) Ethyl Acetate	6.94	43	78000	20.024	ug/l	99
38) Carbon Tetrachloride	7.78	117	168266	18.776	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051666.D
 Acq On : 4 Oct 2018 14:55
 Operator : MD\SY
 Sample : VN1004WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1004WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:53:13 PM

Quant Time: Oct 05 06:52:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	181929	19.405	ug/l	99
40) Benzene	8.04	78	417944	18.877	ug/l	98
41) Methacrylonitrile	7.21	41	116593	58.142	ug/l #	13
42) 1,2-Dichloroethane	8.13	62	141132	18.915	ug/l	97
43) Isopropyl Acetate	8.17	43	164227	20.222	ug/l #	88
44) Trichloroethene	8.84	130	116620	18.551	ug/l	97
45) 1,2-Dichloropropane	9.12	63	105351	19.246	ug/l	98
46) Dibromomethane	9.21	93	71022	18.666	ug/l	98
47) Bromodichloromethane	9.40	83	158229	18.891	ug/l	98
48) Methyl methacrylate	9.20	41	73396	19.778	ug/l	98
49) 1,4-Dioxane	9.20	88	21937	394.230	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	424124	103.060	ug/l	98
52) Toluene	10.16	92	269224	18.282	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	159146	18.414	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	170270	18.552	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	97828	18.649	ug/l	98
56) Ethyl methacrylate	10.43	69	124332	18.742	ug/l	96
57) 1,3-Dichloropropane	10.71	76	155369	18.713	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	233805	85.158	ug/l	98
59) 2-Hexanone	10.75	43	278033	99.481	ug/l	96
60) Dibromochloromethane	10.90	129	123388	17.974	ug/l	99
61) 1,2-Dibromoethane	11.01	107	99946	18.023	ug/l	99
64) Tetrachloroethene	10.63	164	109531	19.281	ug/l	96
65) Chlorobenzene	11.44	112	292343	18.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	118486	18.556	ug/l	98
67) Ethyl Benzene	11.51	91	520945	18.899	ug/l	98
68) m/p-Xylenes	11.62	106	405745	36.789	ug/l	99
69) o-Xylene	11.95	106	200273	18.516	ug/l	98
70) Styrene	11.96	104	308991	17.928	ug/l	99
71) Bromoform	12.13	173	82324	17.333	ug/l #	97
73) Isopropylbenzene	12.25	105	533670	20.453	ug/l	99
74) N-amyl acetate	12.07	43	123020	20.902	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	116436	20.752	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	103877m	25.285	ug/l	
77) Bromobenzene	12.53	156	124352	19.492	ug/l	98
78) n-propylbenzene	12.59	91	577338	20.287	ug/l	99
79) 2-Chlorotoluene	12.67	91	336000	20.033	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	445476	20.259	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	34182	20.528	ug/l	94
82) 4-Chlorotoluene	12.77	91	324082	19.234	ug/l	99
83) tert-Butylbenzene	12.99	119	397065	20.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	442855	20.107	ug/l	99
85) sec-Butylbenzene	13.17	105	530984	20.373	ug/l	99
86) p-Isopropyltoluene	13.29	119	461169	19.960	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	214626	19.306	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	201534	18.418	ug/l	99
89) n-Butylbenzene	13.62	91	360669	19.743	ug/l	98
90) Hexachloroethane	13.87	117	95747	20.770	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	213013	19.275	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19024	20.756	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
Data File : VN051666.D
Acq On : 4 Oct 2018 14:55
Operator : MD\SY
Sample : VN1004WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBS01

Manual Integrations
APPROVED

MMDadoda
10/8/2018 1:53:13 PM

Quant Time: Oct 05 06:52:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	81032	16.478	ug/l	97
94) Hexachlorobutadiene	15.01	225	67845	20.334	ug/l	98
95) Naphthalene	15.13	128	166138	15.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	82612	17.057	ug/l	97

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

