

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052835.D
 Acq On : 12 Dec 2018 18:53
 Operator : MD\SY
 Sample : VN1212WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 1:36:39 PM

Quant Time: Dec 13 04:29:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1002753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1561619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1383871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	636492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	546544	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.59	113	441049	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.09	98	1916675	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.40	95	643513	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	206704	20.025	ug/l	98
3) Chloromethane	2.06	50	249634	20.150	ug/l	99
4) Vinyl Chloride	2.19	62	253263	20.434	ug/l	99
5) Bromomethane	2.58	94	149931	19.612	ug/l	99
6) Chloroethane	2.71	64	149583	20.418	ug/l	99
7) Trichlorofluoromethane	3.03	101	310305	20.194	ug/l	99
8) Diethyl Ether	3.42	74	118289	21.103	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	190711	20.025	ug/l	100
10) Methyl Iodide	3.96	142	242311	18.168	ug/l	99
11) Tert butyl alcohol	4.78	59	53746	90.215	ug/l	98
12) 1,1-Dichloroethene	3.74	96	185356	20.105	ug/l	98
13) Acrolein	3.61	56	63842	113.820	ug/l	100
14) Allyl chloride	4.33	41	309232	20.536	ug/l	95
15) Acrylonitrile	4.99	53	345702	103.435	ug/l	99
16) Acetone	3.81	43	232212	96.972	ug/l	99
17) Carbon Disulfide	4.06	76	551850	19.485	ug/l	99
18) Methyl Acetate	4.33	43	170136	19.359	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	507689	20.285	ug/l	100
20) Methylene Chloride	4.55	84	210110	19.497	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	196966	19.720	ug/l	99
22) Diisopropyl ether	5.95	45	651855	20.291	ug/l	99
23) Vinyl Acetate	5.90	43	1979311	103.545	ug/l	99
24) 1,1-Dichloroethane	5.85	63	371504	20.054	ug/l	99
25) 2-Butanone	6.84	43	361100	97.184	ug/l	99
26) 2,2-Dichloropropane	6.83	77	260594	19.102	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	227183	20.041	ug/l	99
28) Bromochloromethane	7.20	49	172317	20.714	ug/l	99
29) Tetrahydrofuran	7.21	42	257144	101.373	ug/l	100
30) Chloroform	7.37	83	363535	20.123	ug/l	100
31) Cyclohexane	7.66	56	361509	19.656	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	301638	19.956	ug/l	99
36) 1,1-Dichloropropene	7.80	75	286391	19.915	ug/l	99
37) Ethyl Acetate	6.93	43	173591	20.094	ug/l	99
38) Carbon Tetrachloride	7.78	117	262084	19.800	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052835.D
 Acq On : 12 Dec 2018 18:53
 Operator : MD\SY
 Sample : VN1212WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1212WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 1:36:39 PM

Quant Time: Dec 13 04:29:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	336309	19.057	ug/l	99
40) Benzene	8.04	78	860129	19.928	ug/l	99
41) Methacrylonitrile	7.17	41	96027	20.062	ug/l	98
42) 1,2-Dichloroethane	8.13	62	262831	20.227	ug/l	99
43) Isopropyl Acetate	8.17	43	324799	18.338	ug/l #	88
44) Trichloroethene	8.84	130	228153	19.570	ug/l	99
45) 1,2-Dichloropropane	9.12	63	224128	19.826	ug/l	96
46) Dibromomethane	9.21	93	132090	20.147	ug/l	99
47) Bromodichloromethane	9.40	83	271398	19.962	ug/l	99
48) Methyl methacrylate	9.20	41	157353	20.258	ug/l	98
49) 1,4-Dioxane	9.20	88	32257	365.860	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	837609	103.132	ug/l	100
52) Toluene	10.16	92	529622	20.260	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	270324	19.759	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	318048	19.509	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	186236	19.958	ug/l	98
56) Ethyl methacrylate	10.43	69	241084	20.131	ug/l	100
57) 1,3-Dichloropropane	10.71	76	322549	20.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	672171	100.592	ug/l	99
59) 2-Hexanone	10.75	43	556471	99.978	ug/l	100
60) Dibromochloromethane	10.90	129	200564	19.887	ug/l	100
61) 1,2-Dibromoethane	11.01	107	185659	20.128	ug/l	100
64) Tetrachloroethene	10.63	164	241021	20.264	ug/l	97
65) Chlorobenzene	11.44	112	569669	19.842	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	197555	19.785	ug/l	99
67) Ethyl Benzene	11.51	91	988141	20.042	ug/l	100
68) m/p-Xylenes	11.62	106	748532	40.432	ug/l	99
69) o-Xylene	11.95	106	363545	20.110	ug/l	99
70) Styrene	11.96	104	591370	20.349	ug/l	100
71) Bromoform	12.13	173	134481	19.825	ug/l	100
73) Isopropylbenzene	12.25	105	964334	20.292	ug/l	100
74) N-amyl acetate	12.07	43	265870	20.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	217644	20.435	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	188134m	20.034	ug/l	
77) Bromobenzene	12.53	156	245630	20.321	ug/l	99
78) n-propylbenzene	12.59	91	1092594	20.159	ug/l	100
79) 2-Chlorotoluene	12.67	91	649301	20.264	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	773002	20.150	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	57131	19.544	ug/l	98
82) 4-Chlorotoluene	12.77	91	656320	20.034	ug/l	100
83) tert-Butylbenzene	12.99	119	685387	20.253	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	788607	20.305	ug/l	100
85) sec-Butylbenzene	13.17	105	926351	20.213	ug/l	100
86) p-Isopropyltoluene	13.29	119	800540	20.162	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	422731	19.680	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	421734	19.826	ug/l	99
89) n-Butylbenzene	13.62	91	653999	19.566	ug/l	99
90) Hexachloroethane	13.88	117	129723	19.511	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	416745	20.169	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32830	20.449	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
Data File : VN052835.D
Acq On : 12 Dec 2018 18:53
Operator : MD\SY
Sample : VN1212WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02

Manual Integrations
APPROVED

MMDadoda
12/13/2018 1:36:39 PM

Quant Time: Dec 13 04:29:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	212059	18.880	ug/l	99
94) Hexachlorobutadiene	15.01	225	128864	19.822	ug/l	97
95) Naphthalene	15.13	128	442203	19.009	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	198914	19.301	ug/l	99

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

