

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052864.D
 Acq On : 13 Dec 2018 15:07
 Operator : MD\SY
 Sample : VN1213WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 9:03:06 AM

Quant Time: Dec 14 03:07:21 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	1078605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1688225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1480489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	682814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	574546	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	7.59	113	475718	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.09	98	2037639	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	695586	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	216763	19.523	ug/l	100
3) Chloromethane	2.06	50	261639	19.634	ug/l	99
4) Vinyl Chloride	2.19	62	267096	20.034	ug/l	98
5) Bromomethane	2.58	94	161931	19.693	ug/l	100
6) Chloroethane	2.71	64	157486	19.985	ug/l	98
7) Trichlorofluoromethane	3.02	101	331578	20.061	ug/l	98
8) Diethyl Ether	3.41	74	125280	20.778	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	201859	19.705	ug/l	97
10) Methyl Iodide	3.96	142	274332	19.122	ug/l	99
11) Tert butyl alcohol	4.78	59	57693	90.030	ug/l	99
12) 1,1-Dichloroethene	3.74	96	198731	20.040	ug/l	99
13) Acrolein	3.61	56	66660	110.486	ug/l	99
14) Allyl chloride	4.33	41	309548	19.111	ug/l	96
15) Acrylonitrile	4.99	53	362013	100.698	ug/l	99
16) Acetone	3.81	43	231242	89.776	ug/l	97
17) Carbon Disulfide	4.06	76	559930	18.380	ug/l	99
18) Methyl Acetate	4.33	43	181427	19.192	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	548144	20.361	ug/l	99
20) Methylene Chloride	4.55	84	227245	19.604	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	212781	19.805	ug/l	99
22) Diisopropyl ether	5.95	45	704509	20.388	ug/l	98
23) Vinyl Acetate	5.90	43	2074522	100.894	ug/l	100
24) 1,1-Dichloroethane	5.85	63	408150	20.482	ug/l	100
25) 2-Butanone	6.83	43	376189	94.125	ug/l	98
26) 2,2-Dichloropropane	6.83	77	267798	18.249	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	246888	20.247	ug/l	99
28) Bromochloromethane	7.20	49	182975	20.449	ug/l	96
29) Tetrahydrofuran	7.21	42	268821	98.524	ug/l	98
30) Chloroform	7.37	83	392315	20.189	ug/l	99
31) Cyclohexane	7.66	56	387180	19.569	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	318951	19.618	ug/l	99
36) 1,1-Dichloropropene	7.80	75	303889	19.547	ug/l	100
37) Ethyl Acetate	6.93	43	183302	19.627	ug/l	99
38) Carbon Tetrachloride	7.78	117	276113	19.296	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052864.D
 Acq On : 13 Dec 2018 15:07
 Operator : MD\SY
 Sample : VN1213WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1213WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 9:03:06 AM

Quant Time: Dec 14 03:07:21 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	369603	19.373	ug/l	99
40) Benzene	8.04	78	934921	20.037	ug/l	100
41) Methacrylonitrile	7.17	41	93950	18.156	ug/l	97
42) 1,2-Dichloroethane	8.13	62	278376	19.817	ug/l	99
43) Isopropyl Acetate	8.16	43	341996	17.861	ug/l	100
44) Trichloroethene	8.84	130	247800	19.661	ug/l	98
45) 1,2-Dichloropropane	9.12	63	246080	20.135	ug/l	99
46) Dibromomethane	9.21	93	138841	19.589	ug/l	99
47) Bromodichloromethane	9.40	83	285334	19.413	ug/l	99
48) Methyl methacrylate	9.20	41	165216	19.675	ug/l	98
49) 1,4-Dioxane	9.20	88	37678	395.297	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	879939	100.219	ug/l	100
52) Toluene	10.16	92	565984	20.028	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	282811	19.121	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	345418	19.599	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	200270	19.852	ug/l	99
56) Ethyl methacrylate	10.43	69	256279	19.795	ug/l	99
57) 1,3-Dichloropropane	10.71	76	344131	19.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	711369	98.475	ug/l	98
59) 2-Hexanone	10.75	43	578787	96.189	ug/l	99
60) Dibromochloromethane	10.90	129	210106	19.271	ug/l	98
61) 1,2-Dibromoethane	11.01	107	195865	19.642	ug/l	99
64) Tetrachloroethene	10.63	164	257079	20.204	ug/l	99
65) Chlorobenzene	11.43	112	618890	20.150	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	208425	19.511	ug/l	100
67) Ethyl Benzene	11.51	91	1059626	20.089	ug/l	100
68) m/p-Xylenes	11.62	106	801195	40.452	ug/l	100
69) o-Xylene	11.95	106	390367	20.184	ug/l	99
70) Styrene	11.96	104	630906	20.293	ug/l	100
71) Bromoform	12.13	173	134926	18.592	ug/l #	99
73) Isopropylbenzene	12.25	105	1038728	20.375	ug/l	100
74) N-amyl acetate	12.07	43	279329	19.957	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	222406	19.465	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	194244m	19.281	ug/l	
77) Bromobenzene	12.53	156	262995	20.282	ug/l	100
78) n-propylbenzene	12.59	91	1180910	20.310	ug/l	100
79) 2-Chlorotoluene	12.67	91	691433	20.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	842920	20.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56985	18.172	ug/l	97
82) 4-Chlorotoluene	12.77	91	703265	20.011	ug/l	99
83) tert-Butylbenzene	12.99	119	738728	20.348	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	845249	20.287	ug/l	99
85) sec-Butylbenzene	13.17	105	991820	20.173	ug/l	100
86) p-Isopropyltoluene	13.29	119	853966	20.048	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	458791	19.910	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	452142	19.814	ug/l	99
89) n-Butylbenzene	13.62	91	696044	19.411	ug/l	100
90) Hexachloroethane	13.88	117	131925	18.496	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	442865	19.979	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33840	19.648	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
Data File : VN052864.D
Acq On : 13 Dec 2018 15:07
Operator : MD\SY
Sample : VN1213WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Manual Integrations
APPROVED

MMDadoda
12/14/2018 9:03:06 AM

Quant Time: Dec 14 03:07:21 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	240278	19.942	ug/l	99
94) Hexachlorobutadiene	15.01	225	135476	19.425	ug/l	98
95) Naphthalene	15.13	128	517707	20.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	223161	20.185	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121318\
Data File : VN052864.D
Acq On : 13 Dec 2018 15:07
Operator : MD\SY
Sample : VN1213WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
Client Sample Id :
VN1213WBS01

Manual Integrations
APPROVED

MMDadoda
12/14/2018 9:03:06 AM

Quant Time: Dec 14 03:07:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

