

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051274.D
 Acq On : 17 Sep 2018 16:59
 Operator : MD\SY
 Sample : VN0917WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 4:57:55 PM

Quant Time: Sep 19 09:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	559262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	759276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	675392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	313112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	277975	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
35) Dibromofluoromethane	7.59	113	278573	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	10.09	98	1044823	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.40	95	321025	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	97571	17.99	ug/l	98
3) Chloromethane	2.06	50	131902	18.46	ug/l	99
4) Vinyl Chloride	2.18	62	123615	16.88	ug/l	99
5) Bromomethane	2.57	94	68144	16.11	ug/l	95
6) Chloroethane	2.70	64	75682	17.33	ug/l	100
7) Trichlorofluoromethane	3.01	101	175015	17.44	ug/l	98
8) Diethyl Ether	3.41	74	58527	17.82	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	109369	17.44	ug/l	98
10) Methyl Iodide	3.95	142	76038	16.68	ug/l	99
11) Tert butyl alcohol	4.79	59	30172	90.15	ug/l	99
12) 1,1-Dichloroethene	3.73	96	96614	17.06	ug/l	99
13) Acrolein	3.61	56	40498	86.61	ug/l	99
14) Allyl chloride	4.32	41	138707	16.59	ug/l	98
15) Acrylonitrile	4.99	53	153456	87.63	ug/l	99
16) Acetone	3.82	43	127220	89.36	ug/l	99
17) Carbon Disulfide	4.05	76	295198	16.90	ug/l	99
18) Methyl Acetate	4.33	43	72467	17.05	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	238516	17.57	ug/l	99
20) Methylene Chloride	4.55	84	113918	17.12	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	103852	16.73	ug/l	96
22) Diisopropyl ether	5.95	45	296621	18.32	ug/l	95
23) Vinyl Acetate	5.90	43	930596	88.70	ug/l	99
24) 1,1-Dichloroethane	5.85	63	187347	17.31	ug/l	100
25) 2-Butanone	6.84	43	172840	88.77	ug/l	99
26) 2,2-Dichloropropane	6.82	77	154914	17.60	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	114788	17.31	ug/l	100
28) Bromochloromethane	7.19	49	77011	16.15	ug/l	100
29) Tetrahydrofuran	7.21	42	107158	89.02	ug/l	99
30) Chloroform	7.37	83	190286	17.21	ug/l	99
31) Cyclohexane	7.65	56	165826	16.87	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	164656	17.35	ug/l	100
36) 1,1-Dichloropropene	7.79	75	144558	17.59	ug/l	99
37) Ethyl Acetate	6.93	43	75604	17.89	ug/l	98
38) Carbon Tetrachloride	7.77	117	149858	17.49	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051274.D
 Acq On : 17 Sep 2018 16:59
 Operator : MD\SY
 Sample : VN0917WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 4:57:55 PM

Quant Time: Sep 19 09:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	157353	17.62	ug/l	97
40) Benzene	8.04	78	442553	18.10	ug/l	100
41) Methacrylonitrile	7.19	41	40841m	18.84	ug/l	
42) 1,2-Dichloroethane	8.13	62	128675	17.90	ug/l	100
43) Isopropyl Acetate	8.17	43	132410	18.11	ug/l	98
44) Trichloroethene	8.84	130	118898	17.30	ug/l	98
45) 1,2-Dichloropropane	9.12	63	114463	18.46	ug/l	99
46) Dibromomethane	9.21	93	67676	17.92	ug/l	98
47) Bromodichloromethane	9.40	83	142983	17.76	ug/l	99
48) Methyl methacrylate	9.20	41	62800	17.84	ug/l	98
49) 1,4-Dioxane	9.20	88	18222	357.71	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	363614	96.39	ug/l	99
52) Toluene	10.16	92	273119	18.66	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	134860	17.83	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	160585	17.78	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	95972	18.33	ug/l	98
56) Ethyl methacrylate	10.43	69	103875	17.02	ug/l	99
57) 1,3-Dichloropropane	10.71	76	158121	18.54	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	260603	93.48	ug/l	100
59) 2-Hexanone	10.75	43	230941	92.98	ug/l	99
60) Dibromochloromethane	10.90	129	110171	17.88	ug/l	100
61) 1,2-Dibromoethane	11.01	107	91734	18.23	ug/l	98
64) Tetrachloroethene	10.63	164	109567	17.09	ug/l	98
65) Chlorobenzene	11.43	112	293455	17.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	111375	17.61	ug/l	99
67) Ethyl Benzene	11.51	91	475890	17.88	ug/l	100
68) m/p-Xylenes	11.62	106	381904	36.93	ug/l	99
69) o-Xylene	11.95	106	180050	18.27	ug/l	100
70) Styrene	11.96	104	279154	16.86	ug/l	99
71) Bromoform	12.13	173	73370	17.49	ug/l #	100
73) Isopropylbenzene	12.25	105	473698	17.94	ug/l	99
74) N-amyl acetate	12.07	43	91504	16.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	113286	18.86	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	89343m	19.14	ug/l	
77) Bromobenzene	12.53	156	121413	17.81	ug/l	98
78) n-propylbenzene	12.59	91	519469	18.24	ug/l	100
79) 2-Chlorotoluene	12.67	91	317440	17.53	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	389951	18.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	25846	18.33	ug/l	100
82) 4-Chlorotoluene	12.77	91	308120	17.89	ug/l	99
83) tert-Butylbenzene	12.99	119	335331	17.97	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	384217	18.74	ug/l	100
85) sec-Butylbenzene	13.17	105	441590	18.64	ug/l	100
86) p-Isopropyltoluene	13.29	119	379448	19.10	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	196072	16.81	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	190267	17.49	ug/l	98
89) n-Butylbenzene	13.62	91	259218	17.27	ug/l	99
90) Hexachloroethane	13.87	117	72351	18.13	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	194028	17.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13888	18.14	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
Data File : VN051274.D
Acq On : 17 Sep 2018 16:59
Operator : MD\SY
Sample : VN0917WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

Manual Integrations
APPROVED

MMDadoda
9/19/2018 4:57:55 PM

Quant Time: Sep 19 09:29:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	61859	15.57	ug/l	99
94) Hexachlorobutadiene	15.01	225	69681	18.59	ug/l	98
95) Naphthalene	15.13	128	106975	15.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	68107	16.44	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
Data File : VN051274.D
Acq On : 17 Sep 2018 16:59
Operator : MD\SY
Sample : VN0917WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sampled :
VN0917WBS01

Manual Integrations
APPROVED

MMDadoda
9/19/2018 4:57:55 PM

Quant Time: Sep 19 09:29:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

