

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050742.D
 Acq On : 18 Aug 2018 1:16
 Operator : MD\SY
 Sample : VN0817WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS03

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:53:27 AM

Quant Time: Aug 18 04:48:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	447139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	726704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	640868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	286342	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	376465	66.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	133.58%		
35) Dibromofluoromethane	7.59	113	338370	58.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	116.64%		
50) Toluene-d8	10.09	98	1095575	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.34%		
62) 4-Bromofluorobenzene	12.40	95	338749	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.92%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	73904	14.66	ug/l	100
3) Chloromethane	2.06	50	135704	21.81	ug/l	99
4) Vinyl Chloride	2.18	62	119187	17.80	ug/l	99
5) Bromomethane	2.56	94	79820	20.96	ug/l	99
6) Chloroethane	2.70	64	82769	21.33	ug/l	100
7) Trichlorofluoromethane	3.01	101	141104	16.06	ug/l	99
8) Diethyl Ether	3.41	74	71724	24.54	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	86464	16.27	ug/l	98
10) Methyl Iodide	3.95	142	69659	22.83	ug/l	99
11) Tert butyl alcohol	4.80	59	44569	144.82	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	87416	18.02	ug/l	96
13) Acrolein	3.61	56	11476	91.51	ug/l	96
14) Allyl chloride	4.32	41	153540	20.35	ug/l	99
15) Acrylonitrile	5.00	53	219280	129.73	ug/l	99
16) Acetone	3.82	43	195208	138.06	ug/l	98
17) Carbon Disulfide	4.05	76	258753	16.95	ug/l	99
18) Methyl Acetate	4.33	43	120246	29.98	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	314571	25.48	ug/l	99
20) Methylene Chloride	4.55	84	139494	25.41	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	105961	20.15	ug/l	98
22) Diisopropyl ether	5.96	45	389540	25.18	ug/l	96
23) Vinyl Acetate	5.90	43	1266938	125.17	ug/l	100
24) 1,1-Dichloroethane	5.85	63	220541	22.03	ug/l	99
25) 2-Butanone	6.84	43	308605	133.54	ug/l	98
26) 2,2-Dichloropropane	6.83	77	108060	16.12	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	129808	22.16	ug/l	100
28) Bromochloromethane	7.20	49	109419	24.01	ug/l	100
29) Tetrahydrofuran	7.22	42	162044	134.30	ug/l	99
30) Chloroform	7.37	83	229707	22.64	ug/l	98
31) Cyclohexane	7.66	56	130052	14.98	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	161645	18.93	ug/l	99
36) 1,1-Dichloropropene	7.80	75	130051	16.08	ug/l	100
37) Ethyl Acetate	6.93	43	115519	25.26	ug/l	99
38) Carbon Tetrachloride	7.78	117	134739	16.06	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050742.D
 Acq On : 18 Aug 2018 1:16
 Operator : MD\SY
 Sample : VN0817WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS03

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:53:27 AM

Quant Time: Aug 18 04:48:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	112192	13.40	ug/l	97
40) Benzene	8.04	78	493823	20.07	ug/l	100
41) Methacrylonitrile	7.19	41	67030	27.11	ug/l	93
42) 1,2-Dichloroethane	8.13	62	169001	22.41	ug/l	100
43) Isopropyl Acetate	8.17	43	195274	23.43	ug/l	99
44) Trichloroethene	8.84	130	116823	17.72	ug/l	99
45) 1,2-Dichloropropane	9.12	63	138389	21.12	ug/l	97
46) Dibromomethane	9.21	93	85609	22.13	ug/l	98
47) Bromodichloromethane	9.40	83	175908	21.27	ug/l	99
48) Methyl methacrylate	9.20	41	91889	21.91	ug/l	99
49) 1,4-Dioxane	9.20	88	26017	470.98	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	705187	125.12	ug/l	99
52) Toluene	10.16	92	281385	19.15	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	154321	20.04	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	186006	21.05	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	123636	22.52	ug/l	97
56) Ethyl methacrylate	10.43	69	142252	21.44	ug/l	99
57) 1,3-Dichloropropane	10.71	76	200647	22.30	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	347635	109.74	ug/l	100
59) 2-Hexanone	10.75	43	438459	120.54	ug/l	99
60) Dibromochloromethane	10.90	129	133350	22.01	ug/l	99
61) 1,2-Dibromoethane	11.01	107	115634	22.12	ug/l	98
64) Tetrachloroethene	10.63	164	102711	17.26	ug/l	99
65) Chlorobenzene	11.44	112	302592	18.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	122693	20.52	ug/l	99
67) Ethyl Benzene	11.51	91	445277	17.29	ug/l	100
68) m/p-Xylenes	11.62	106	354848	36.03	ug/l	99
69) o-Xylene	11.95	106	171727	18.28	ug/l	97
70) Styrene	11.97	104	288949	17.91	ug/l	99
71) Bromoform	12.13	173	88300	22.27	ug/l #	100
73) Isopropylbenzene	12.25	105	415948	18.59	ug/l	100
74) N-amyl acetate	12.07	43	137037	23.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	152297	28.31	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	121132m	25.68	ug/l	
77) Bromobenzene	12.53	156	128852	21.21	ug/l	97
78) n-propylbenzene	12.59	91	454521	18.22	ug/l	98
79) 2-Chlorotoluene	12.68	91	308096	19.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	346899	19.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	27830	21.61	ug/l	99
82) 4-Chlorotoluene	12.78	91	301862	19.64	ug/l	100
83) tert-Butylbenzene	12.99	119	276703	17.80	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	352457	19.60	ug/l	100
85) sec-Butylbenzene	13.17	105	363073	17.87	ug/l	99
86) p-Isopropyltoluene	13.29	119	306568	17.81	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	198563	19.20	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	187791	18.30	ug/l	98
89) n-Butylbenzene	13.62	91	216059	15.54	ug/l	97
90) Hexachloroethane	13.88	117	59279	17.12	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	202226	20.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20419	25.58	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050742.D
Acq On : 18 Aug 2018 1:16
Operator : MD\SY
Sample : VN0817WBS03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS03

Manual Integrations
APPROVED

MMDadoda
8/20/2018 10:53:27 AM

Quant Time: Aug 18 04:48:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	70902	15.64	ug/l	100
94) Hexachlorobutadiene	15.01	225	50817	16.43	ug/l	98
95) Naphthalene	15.13	128	153331	16.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	76817	17.21	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050742.D
Acq On : 18 Aug 2018 1:16
Operator : MD\SY
Sample : VN0817WBS03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN0817WBS03

Manual Integrations
APPROVED

MMDadoda
8/20/2018 10:53:27 AM

Quant Time: Aug 18 04:48:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

