

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051566.D
 Acq On : 27 Sep 2018 6:22
 Operator : MD\SY
 Sample : VN0927WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:18:45 PM

Quant Time: Sep 27 09:21:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	445124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	680447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	313319	56.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.38%	
35) Dibromofluoromethane	7.59	113	277419	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.09	98	999305	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	316141	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	72880	17.550	ug/l	100
3) Chloromethane	2.06	50	116285	17.590	ug/l	100
4) Vinyl Chloride	2.18	62	135565	18.580	ug/l	99
5) Bromomethane	2.57	94	65927	15.119	ug/l	97
6) Chloroethane	2.70	64	62000	13.637	ug/l	100
7) Trichlorofluoromethane	3.01	101	171554	17.950	ug/l	100
8) Diethyl Ether	3.41	74	57713	17.456	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	100750	18.679	ug/l	100
10) Methyl Iodide	3.96	142	109432	15.465	ug/l	97
11) Tert butyl alcohol	4.79	59	33172	105.410	ug/l	99
12) 1,1-Dichloroethene	3.74	96	87889	17.746	ug/l	99
13) Acrolein	3.61	56	21602	69.128	ug/l	95
14) Allyl chloride	4.33	41	152947	18.407	ug/l	99
15) Acrylonitrile	5.00	53	178969	104.545	ug/l	97
16) Acetone	3.82	43	128238	87.890	ug/l	98
17) Carbon Disulfide	4.05	76	235965	16.217	ug/l	99
18) Methyl Acetate	4.33	43	103877	24.461	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	260847	20.425	ug/l	100
20) Methylene Chloride	4.55	84	112499	20.389	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	97417	19.228	ug/l	96
22) Diisopropyl ether	5.96	45	361267	22.493	ug/l	98
23) Vinyl Acetate	5.90	43	1085557	102.947	ug/l	97
24) 1,1-Dichloroethane	5.85	63	207914	21.695	ug/l	100
25) 2-Butanone	6.84	43	196579	103.001	ug/l	97
26) 2,2-Dichloropropane	6.83	77	100001	13.368	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	113464	20.411	ug/l	99
28) Bromochloromethane	7.20	49	103342	23.351	ug/l	97
29) Tetrahydrofuran	7.22	42	136173	112.591	ug/l	95
30) Chloroform	7.37	83	212235	22.350	ug/l	100
31) Cyclohexane	7.66	56	161693	18.416	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	176095	21.692	ug/l	99
36) 1,1-Dichloropropene	7.79	75	143681	18.234	ug/l	98
37) Ethyl Acetate	6.93	43	85778	18.933	ug/l #	78
38) Carbon Tetrachloride	7.78	117	151507	18.383	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051566.D
 Acq On : 27 Sep 2018 6:22
 Operator : MD\SY
 Sample : VN0927WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0927WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:18:45 PM

Quant Time: Sep 27 09:21:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	142055	15.422	ug/l	93
40) Benzene	8.04	78	453355	19.595	ug/l	98
41) Methacrylonitrile	7.18	41	52135	20.800	ug/l #	89
42) 1,2-Dichloroethane	8.13	62	147695	19.936	ug/l	100
43) Isopropyl Acetate	8.17	43	173611	21.192	ug/l	96
44) Trichloroethene	8.84	130	114565	18.643	ug/l	97
45) 1,2-Dichloropropane	9.12	63	126459	20.107	ug/l	97
46) Dibromomethane	9.21	93	71944	20.246	ug/l	96
47) Bromodichloromethane	9.40	83	159767	20.316	ug/l	97
48) Methyl methacrylate	9.20	41	80717	19.762	ug/l	97
49) 1,4-Dioxane	9.20	88	19773	395.006	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	463062	102.776	ug/l	98
52) Toluene	10.16	92	270717	18.828	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	141245	17.791	ug/l	94
54) cis-1,3-Dichloropropene	9.84	75	161694	17.562	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	104710	20.606	ug/l	96
56) Ethyl methacrylate	10.43	69	115258	18.551	ug/l	97
57) 1,3-Dichloropropane	10.71	76	173743	19.948	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	293317	100.499	ug/l	98
59) 2-Hexanone	10.75	43	282583	96.749	ug/l	95
60) Dibromochloromethane	10.90	129	116556	19.440	ug/l	100
61) 1,2-Dibromoethane	11.01	107	96877	19.639	ug/l	97
64) Tetrachloroethene	10.63	164	115979	21.180	ug/l	95
65) Chlorobenzene	11.43	112	296389	19.146	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	116988	19.836	ug/l	100
67) Ethyl Benzene	11.51	91	478692	18.349	ug/l	99
68) m/p-Xylenes	11.62	106	374087	37.071	ug/l	100
69) o-Xylene	11.95	106	177923	18.340	ug/l	97
70) Styrene	11.96	104	282245	18.361	ug/l	98
71) Bromoform	12.13	173	77661	19.406	ug/l #	97
73) Isopropylbenzene	12.25	105	473641	19.256	ug/l	99
74) N-amyl acetate	12.07	43	124180	20.122	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	125496	21.880	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	102832m	21.249	ug/l	
77) Bromobenzene	12.53	156	123962	19.908	ug/l	96
78) n-propylbenzene	12.59	91	542936	19.585	ug/l	99
79) 2-Chlorotoluene	12.67	91	340841	20.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	395719	19.730	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	25849	16.424	ug/l	95
82) 4-Chlorotoluene	12.77	91	329808	19.914	ug/l	98
83) tert-Butylbenzene	12.99	119	349575	19.582	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	403421	19.961	ug/l	100
85) sec-Butylbenzene	13.17	105	477835	19.785	ug/l	98
86) p-Isopropyltoluene	13.29	119	395365	18.919	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	210374	19.524	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	199837	19.274	ug/l	99
89) n-Butylbenzene	13.62	91	298016	17.342	ug/l	99
90) Hexachloroethane	13.88	117	81949	19.682	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	210605	20.144	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17268	21.096	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
Data File : VN051566.D
Acq On : 27 Sep 2018 6:22
Operator : MD\SY
Sample : VN0927WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD02

Manual Integrations
APPROVED

MMDadoda
9/27/2018 3:18:45 PM

Quant Time: Sep 27 09:21:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	82458	18.861	ug/l	99
94) Hexachlorobutadiene	15.01	225	74365	18.799	ug/l	98
95) Naphthalene	15.13	128	144807	19.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	89951	17.928	ug/l	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
Data File : VN051566.D
Acq On : 27 Sep 2018 6:22
Operator : MD\SY
Sample : VN0927WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD02

Manual Integrations
APPROVED

MMDadoda
9/27/2018 3:18:45 PM

Quant Time: Sep 27 09:21:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

