

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
 Data File : VN059080.D
 Acq On : 4 Nov 2019 12:40
 Operator : JC/SP
 Sample : VN1104WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 2:00:10 PM

Quant Time: Nov 05 03:12:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	472850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	741499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	674421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	308485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	311665	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.57	113	239524	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.08	98	938970	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	328690	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	101921	19.936	ug/l	98
3) Chloromethane	2.04	50	134970	19.470	ug/l	99
4) Vinyl Chloride	2.17	62	132634	19.711	ug/l	99
5) Bromomethane	2.55	94	78457	19.722	ug/l	99
6) Chloroethane	2.68	64	78398	19.024	ug/l	100
7) Trichlorofluoromethane	3.00	101	158465	19.819	ug/l	100
8) Diethyl Ether	3.39	74	63924	20.472	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	94719	20.098	ug/l	99
10) Methyl Iodide	3.93	142	112937	19.716	ug/l	99
11) Tert butyl alcohol	4.76	59	115565	99.710	ug/l	99
12) 1,1-Dichloroethene	3.71	96	91796	19.585	ug/l	96
13) Acrolein	3.58	56	68437	93.578	ug/l	98
14) Allyl chloride	4.30	41	185890	20.015	ug/l	99
15) Acrylonitrile	4.95	53	298358	102.620	ug/l	100
16) Acetone	3.79	43	325820	102.770	ug/l	99
17) Carbon Disulfide	4.03	76	283406	19.019	ug/l	98
18) Methyl Acetate	4.30	43	151995	18.924	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	321692	20.151	ug/l	100
20) Methylene Chloride	4.53	84	109792	19.782	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	100526	19.978	ug/l	99
22) Diisopropyl ether	5.92	45	367573	20.778	ug/l	98
23) Vinyl Acetate	5.87	43	1508333	107.049	ug/l	99
24) 1,1-Dichloroethane	5.82	63	202907	20.062	ug/l	98
25) 2-Butanone	6.81	43	422302	100.036	ug/l	100
26) 2,2-Dichloropropane	6.80	77	170852	19.462	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	114934	20.286	ug/l	100
28) Bromochloromethane	7.17	49	57871	18.540	ug/l	100
29) Tetrahydrofuran	7.19	42	269244	101.060	ug/l	99
30) Chloroform	7.35	83	194843	20.146	ug/l	98
31) Cyclohexane	7.64	56	188335	19.522	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	166325	20.326	ug/l	99
36) 1,1-Dichloropropene	7.77	75	147978	20.079	ug/l	99
37) Ethyl Acetate	6.91	43	165403	20.200	ug/l	100
38) Carbon Tetrachloride	7.75	117	142711	19.870	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
 Data File : VN059080.D
 Acq On : 4 Nov 2019 12:40
 Operator : JC/SP
 Sample : VN1104WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1104WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 2:00:10 PM

Quant Time: Nov 05 03:12:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	170278	19.990	ug/l	99
40) Benzene	8.02	78	441627	20.192	ug/l	100
41) Methacrylonitrile	7.14	41	66209	18.699	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	155217	20.435	ug/l	98
43) Isopropyl Acetate	8.15	43	254764	19.895	ug/l	100
44) Trichloroethene	8.82	130	108213	20.110	ug/l	95
45) 1,2-Dichloropropane	9.10	63	121335	20.514	ug/l	99
46) Dibromomethane	9.19	93	73561	20.123	ug/l	99
47) Bromodichloromethane	9.39	83	148167	20.013	ug/l	99
48) Methyl methacrylate	9.19	41	113005	19.355	ug/l	99
49) 1,4-Dioxane	9.18	88	40311	423.251	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	811775	109.128	ug/l	98
52) Toluene	10.15	92	267247	20.854	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	168792	19.717	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	184115	20.390	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	104020	19.926	ug/l	99
56) Ethyl methacrylate	10.42	69	156956	18.917	ug/l	99
57) 1,3-Dichloropropane	10.70	76	184251	20.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	322077	100.887	ug/l	99
59) 2-Hexanone	10.75	43	599677	106.115	ug/l	99
60) Dibromochloromethane	10.90	129	113551	20.184	ug/l	99
61) 1,2-Dibromoethane	11.00	107	107564	20.339	ug/l	99
64) Tetrachloroethene	10.63	164	97074	20.605	ug/l	98
65) Chlorobenzene	11.43	112	276366	19.966	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	104646	20.549	ug/l	99
67) Ethyl Benzene	11.51	91	499990	20.866	ug/l	100
68) m/p-Xylenes	11.62	106	369914	41.342	ug/l	100
69) o-Xylene	11.95	106	177754	20.804	ug/l	98
70) Styrene	11.96	104	279178	20.163	ug/l	99
71) Bromoform	12.13	173	77916	19.767	ug/l #	99
73) Isopropylbenzene	12.25	105	475021	20.931	ug/l	100
74) N-amyl acetate	12.07	43	201168	19.927	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	158945	19.661	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	146248m	20.034	ug/l	
77) Bromobenzene	12.53	156	113757	20.047	ug/l	99
78) n-propylbenzene	12.59	91	554028	21.078	ug/l	99
79) 2-Chlorotoluene	12.68	91	330767	20.266	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	403143	20.901	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	53999	18.963	ug/l	93
82) 4-Chlorotoluene	12.78	91	333198	20.004	ug/l	98
83) tert-Butylbenzene	13.00	119	345150	21.065	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	392407	20.938	ug/l	99
85) sec-Butylbenzene	13.17	105	454415	21.161	ug/l	100
86) p-Isopropyltoluene	13.29	119	401996	20.764	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	198410	19.679	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	199739	20.028	ug/l	99
89) n-Butylbenzene	13.62	91	345209	20.464	ug/l	99
90) Hexachloroethane	13.88	117	76578	19.898	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	198152	19.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33518	19.195	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
Data File : VN059080.D
Acq On : 4 Nov 2019 12:40
Operator : JC/SP
Sample : VN1104WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD02

Manual Integrations
APPROVED

MMDadoda
11/5/2019 2:00:10 PM

Quant Time: Nov 05 03:12:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:43:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	106213	19.629	ug/l	100
94) Hexachlorobutadiene	15.01	225	64824	19.961	ug/l	100
95) Naphthalene	15.13	128	294128	19.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	110126	19.998	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
Data File : VN059080.D
Acq On : 4 Nov 2019 12:40
Operator : JC/SP
Sample : VN1104WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN1104WBSD02

Manual Integrations
APPROVED

MMDadoda
11/5/2019 2:00:10 PM

Quant Time: Nov 05 03:12:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:43:23 2019
Response via : Initial Calibration

