

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
 Data File : VN059076.D
 Acq On : 4 Nov 2019 11:12
 Operator : JC/SP
 Sample : VN1104WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 2:00:02 PM

Quant Time: Nov 05 02:41:52 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	356317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	559877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	504277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	165173	35.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.00%	
35) Dibromofluoromethane	7.57	113	122568	33.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.86%	
50) Toluene-d8	10.08	98	479764	34.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.24%	
62) 4-Bromofluorobenzene	12.40	95	167652	33.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	61199	15.886	ug/l	98
3) Chloromethane	2.04	50	82473	15.788	ug/l	97
4) Vinyl Chloride	2.17	62	83580	16.483	ug/l	99
5) Bromomethane	2.55	94	47504	15.846	ug/l	99
6) Chloroethane	2.69	64	49360	15.895	ug/l	98
7) Trichlorofluoromethane	3.00	101	97711	16.217	ug/l	98
8) Diethyl Ether	3.39	74	38089	16.187	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	58964	16.603	ug/l	99
10) Methyl Iodide	3.93	142	64228	14.879	ug/l	98
11) Tert butyl alcohol	4.74	59	62906	72.026	ug/l	100
12) 1,1-Dichloroethene	3.71	96	54331	15.383	ug/l	95
13) Acrolein	3.58	56	24768	44.943	ug/l	99
14) Allyl chloride	4.29	41	111414	15.919	ug/l	98
15) Acrylonitrile	4.95	53	169759	77.484	ug/l	98
16) Acetone	3.79	43	194912	81.586	ug/l	100
17) Carbon Disulfide	4.03	76	175487	15.628	ug/l	99
18) Methyl Acetate	4.29	43	86622	14.312	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	187311	15.571	ug/l	98
20) Methylene Chloride	4.52	84	67005	16.021	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	60295	15.902	ug/l	99
22) Diisopropyl ether	5.92	45	214713	16.107	ug/l	93
23) Vinyl Acetate	5.86	43	860712	81.064	ug/l	100
24) 1,1-Dichloroethane	5.82	63	124238	16.301	ug/l	98
25) 2-Butanone	6.81	43	240078	75.470	ug/l	98
26) 2,2-Dichloropropane	6.79	77	103372	15.626	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	68861	16.129	ug/l	99
28) Bromochloromethane	7.16	49	19825	8.428	ug/l #	17
29) Tetrahydrofuran	7.18	42	151981	75.702	ug/l	98
30) Chloroform	7.35	83	117118	16.070	ug/l	99
31) Cyclohexane	7.63	56	109798	15.104	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	98041	15.900	ug/l	97
36) 1,1-Dichloropropene	7.77	75	86890	15.615	ug/l	100
37) Ethyl Acetate	6.90	43	94379	15.265	ug/l	98
38) Carbon Tetrachloride	7.75	117	85069	15.687	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
 Data File : VN059076.D
 Acq On : 4 Nov 2019 11:12
 Operator : JC/SP
 Sample : VN1104WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 2:00:02 PM

Quant Time: Nov 05 02:41:52 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	9.06	83	100026	15.552	ug/l	98
40) Benzene	8.02	78	265638	16.086	ug/l	99
41) Methacrylonitrile	7.16	41	46096m	17.242	ug/l	
42) 1,2-Dichloroethane	8.10	62	93830	16.361	ug/l	99
43) Isopropyl Acetate	8.14	43	144545	14.950	ug/l	99
44) Trichloroethene	8.82	130	63411	15.607	ug/l	97
45) 1,2-Dichloropropane	9.10	63	72090	16.142	ug/l	98
46) Dibromomethane	9.19	93	43969	15.929	ug/l	99
47) Bromodichloromethane	9.39	83	88211	15.780	ug/l	100
48) Methyl methacrylate	9.18	41	65328	14.819	ug/l	96
49) 1,4-Dioxane	9.18	88	23342	324.586	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	446953	79.576	ug/l	97
52) Toluene	10.15	92	158308	16.361	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	99388	15.376	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	109236	16.022	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	62189	15.777	ug/l	98
56) Ethyl methacrylate	10.42	69	88349	14.573	ug/l	99
57) 1,3-Dichloropropane	10.70	76	108974	15.897	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	161766	70.933	ug/l	100
59) 2-Hexanone	10.74	43	328531	76.994	ug/l	98
60) Dibromochloromethane	10.90	129	64727	15.237	ug/l	99
61) 1,2-Dibromoethane	11.00	107	63541	15.913	ug/l	99
64) Tetrachloroethene	10.63	164	57716	16.384	ug/l	98
65) Chlorobenzene	11.43	112	167045	16.140	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	62852	16.506	ug/l	98
67) Ethyl Benzene	11.51	91	286705	16.002	ug/l	100
68) m/p-Xylenes	11.62	106	213953	31.980	ug/l	98
69) o-Xylene	11.95	106	99864	15.632	ug/l	97
70) Styrene	11.96	104	157643	15.227	ug/l	98
71) Bromoform	12.13	173	44962	15.255	ug/l #	99
73) Isopropylbenzene	12.25	105	274547	16.554	ug/l	100
74) N-amyl acetate	12.07	43	105515	14.302	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	91167	15.432	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	85316m	15.993	ug/l	
77) Bromobenzene	12.53	156	66913	16.136	ug/l	98
78) n-propylbenzene	12.59	91	315729	16.437	ug/l	99
79) 2-Chlorotoluene	12.68	91	192951	16.178	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	230575	16.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	30829	14.814	ug/l	96
82) 4-Chlorotoluene	12.78	91	194241	15.957	ug/l	99
83) tert-Butylbenzene	12.99	119	191251	15.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	223336	16.307	ug/l	100
85) sec-Butylbenzene	13.18	105	259897	16.562	ug/l	100
86) p-Isopropyltoluene	13.29	119	229932	16.252	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	115666	15.699	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	112955	15.499	ug/l	98
89) n-Butylbenzene	13.62	91	195740	15.878	ug/l	98
90) Hexachloroethane	13.88	117	43726	15.548	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	114977	15.683	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18351	14.381	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
Data File : VN059076.D
Acq On : 4 Nov 2019 11:12
Operator : JC/SP
Sample : VN1104WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Manual Integrations
APPROVED

MMDadoda
11/5/2019 2:00:02 PM

Quant Time: Nov 05 02:41:52 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	55772	14.105	ug/l	99
94) Hexachlorobutadiene	15.01	225	39301	16.561	ug/l	98
95) Naphthalene	15.13	128	147226	14.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	57428	14.270	ug/l	99

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

