

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064434.D
 Acq On : 4 Nov 2020 14:18
 Operator : JC/MD
 Sample : VN1104WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:26 PM

Quant Time: Nov 05 01:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	322266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	561222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	524939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	224281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	267381	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	7.55	113	179027	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	10.06	98	684335	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	12.37	95	251462	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	74648	17.794	ug/l	97
3) Chloromethane	2.04	50	90532	17.767	ug/l	99
4) Vinyl Chloride	2.17	62	94015	17.967	ug/l	99
5) Bromomethane	2.54	94	63415	18.971	ug/l	98
6) Chloroethane	2.68	64	59865	17.869	ug/l	97
7) Trichlorofluoromethane	2.99	101	137524	17.849	ug/l	98
8) Diethyl Ether	3.38	74	49915	18.345	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	64560	17.645	ug/l	98
10) Methyl Iodide	3.91	142	68626	16.141	ug/l	98
11) Tert butyl alcohol	4.75	59	58195	94.009	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	60577	17.576	ug/l	99
13) Acrolein	3.57	56	35120	91.463	ug/l	95
14) Allyl chloride	4.27	41	115624	17.149	ug/l	98
15) Acrylonitrile	4.93	53	160678	93.229	ug/l	98
16) Acetone	3.78	43	173843	81.302	ug/l	99
17) Carbon Disulfide	4.00	76	179633	17.428	ug/l	97
18) Methyl Acetate	4.28	43	75138	17.874	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	216939	17.489	ug/l	99
20) Methylene Chloride	4.50	84	75123	17.708	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	69251	17.696	ug/l	96
22) Diisopropyl ether	5.90	45	252953	17.674	ug/l	97
23) Vinyl Acetate	5.85	43	1047369	89.959	ug/l	100
24) 1,1-Dichloroethane	5.80	63	140541	17.870	ug/l	98
25) 2-Butanone	6.79	43	243964	89.547	ug/l	98
26) 2,2-Dichloropropane	6.78	77	123388	17.332	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	80412	17.733	ug/l	99
28) Bromochloromethane	7.15	49	71566	18.513	ug/l	99
29) Tetrahydrofuran	7.17	42	146124	87.421	ug/l	98
30) Chloroform	7.32	83	147603	17.855	ug/l	99
31) Cyclohexane	7.61	56	116116	17.017	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	129150	17.614	ug/l	98
36) 1,1-Dichloropropene	7.75	75	106830	18.018	ug/l	98
37) Ethyl Acetate	6.88	43	103959	17.775	ug/l	97
38) Carbon Tetrachloride	7.73	117	110468	17.434	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064434.D
 Acq On : 4 Nov 2020 14:18
 Operator : JC/MD
 Sample : VN1104WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1104WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:26 PM

Quant Time: Nov 05 01:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	92939	17.487	ug/l	98
40) Benzene	8.00	78	308342	17.698	ug/l	99
41) Methacrylonitrile	7.12	41	49992m	19.019	ug/l	
42) 1,2-Dichloroethane	8.08	62	130217	18.521	ug/l	99
43) Isopropyl Acetate	8.13	43	172301	17.932	ug/l	99
44) Trichloroethene	8.80	130	77527	17.637	ug/l	99
45) 1,2-Dichloropropane	9.08	63	85706	18.437	ug/l	96
46) Dibromomethane	9.17	93	55892	18.264	ug/l	98
47) Bromodichloromethane	9.37	83	116957	17.775	ug/l	96
48) Methyl methacrylate	9.16	41	83478	17.218	ug/l	97
49) 1,4-Dioxane	9.16	88	24595	385.139	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	517128	92.290	ug/l	99
52) Toluene	10.12	92	196639	18.505	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	122680	17.586	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	131943	17.690	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	73134	17.648	ug/l	96
56) Ethyl methacrylate	10.40	69	105647	16.765	ug/l	98
57) 1,3-Dichloropropane	10.68	76	130482	18.039	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	284580	102.259	ug/l	98
59) 2-Hexanone	10.72	43	370088	83.720	ug/l	99
60) Dibromochloromethane	10.87	129	81750	17.619	ug/l	99
61) 1,2-Dibromoethane	10.98	107	77437	18.422	ug/l	99
64) Tetrachloroethene	10.60	164	72171	17.848	ug/l	98
65) Chlorobenzene	11.41	112	198555	17.254	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	75541	17.596	ug/l	98
67) Ethyl Benzene	11.48	91	362272	17.698	ug/l	99
68) m/p-Xylenes	11.59	106	260291	35.063	ug/l	97
69) o-Xylene	11.92	106	124479	17.353	ug/l	99
70) Styrene	11.94	104	213444	17.683	ug/l	99
71) Bromoform	12.10	173	50037	16.402	ug/l #	97
73) Isopropylbenzene	12.22	105	325949	18.284	ug/l	99
74) N-amyl acetate	12.04	43	142455	17.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	100910	18.429	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	94646m	17.417	ug/l	
77) Bromobenzene	12.50	156	79842	18.345	ug/l	100
78) n-propylbenzene	12.57	91	375981	18.500	ug/l	100
79) 2-Chlorotoluene	12.65	91	239778	18.602	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	268282	18.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33581	17.254	ug/l	97
82) 4-Chlorotoluene	12.75	91	249140	18.456	ug/l	98
83) tert-Butylbenzene	12.97	119	213703	18.606	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	270969	18.329	ug/l	99
85) sec-Butylbenzene	13.14	105	273695	18.815	ug/l	99
86) p-Isopropyltoluene	13.26	119	241923	18.489	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	136306	18.118	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	135181	17.387	ug/l	98
89) n-Butylbenzene	13.59	91	202246	17.978	ug/l	100
90) Hexachloroethane	13.85	117	45371	17.976	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	132004	18.241	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20686	18.975	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
Data File : VN064434.D
Acq On : 4 Nov 2020 14:18
Operator : JC/MD
Sample : VN1104WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBS01

Manual Integrations
APPROVED

MMDadoda
11/5/2020 2:19:26 PM

Quant Time: Nov 05 01:18:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	53597	16.763	ug/l	99
94) Hexachlorobutadiene	14.98	225	26413	17.926	ug/l	97
95) Naphthalene	15.10	128	170731	16.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	53502	17.289	ug/l	99

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

