

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052236.D
 Acq On : 9 Nov 2018 19:22
 Operator : MD\SY
 Sample : VN1109WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:18:59 AM

Quant Time: Nov 12 03:45:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	274799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	480709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	420636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	189717	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	156108	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.09	98	597750	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.40	95	188064	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	59447	19.899	ug/l	98
3) Chloromethane	2.06	50	81979	19.654	ug/l	98
4) Vinyl Chloride	2.19	62	70456	20.274	ug/l	95
5) Bromomethane	2.58	94	40336	18.294	ug/l	98
6) Chloroethane	2.72	64	39359	19.072	ug/l	99
7) Trichlorofluoromethane	3.03	101	93778	19.385	ug/l	98
8) Diethyl Ether	3.41	74	36581	19.222	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	57955	18.673	ug/l	100
10) Methyl Iodide	3.96	142	71642	17.790	ug/l	99
11) Tert butyl alcohol	4.79	59	17756m	92.172	ug/l	
12) 1,1-Dichloroethene	3.74	96	54556	18.990	ug/l	96
13) Acrolein	3.61	56	31420	124.864	ug/l	94
14) Allyl chloride	4.33	41	102350	17.016	ug/l	91
15) Acrylonitrile	4.99	53	110183	93.060	ug/l	100
16) Acetone	3.82	43	86014	83.328	ug/l	96
17) Carbon Disulfide	4.06	76	158063	18.967	ug/l	98
18) Methyl Acetate	4.33	43	56146	17.879	ug/l	100
19) Methyl tert-butyl Ether	5.06	73	153669	18.722	ug/l	100
20) Methylene Chloride	4.56	84	66258	19.340	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	59326	19.001	ug/l	94
22) Diisopropyl ether	5.95	45	232339	19.269	ug/l	98
23) Vinyl Acetate	5.90	43	783833	94.739	ug/l	99
24) 1,1-Dichloroethane	5.85	63	122582	19.248	ug/l	98
25) 2-Butanone	6.84	43	131118	81.786	ug/l	100
26) 2,2-Dichloropropane	6.83	77	81170	17.450	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	67879	19.422	ug/l	99
28) Bromochloromethane	7.20	49	68210	21.676	ug/l	99
29) Tetrahydrofuran	7.22	42	88803	85.111	ug/l	98
30) Chloroform	7.37	83	115946	19.237	ug/l	98
31) Cyclohexane	7.66	56	118719	19.746	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	96034	19.548	ug/l	98
36) 1,1-Dichloropropene	7.80	75	88498	18.239	ug/l	99
37) Ethyl Acetate	6.93	43	61815	16.939	ug/l	99
38) Carbon Tetrachloride	7.78	117	82586	18.782	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052236.D
 Acq On : 9 Nov 2018 19:22
 Operator : MD\SY
 Sample : VN1109WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1109WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:18:59 AM

Quant Time: Nov 12 03:45:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	102541	18.528	ug/l	98
40) Benzene	8.04	78	264211	19.019	ug/l	99
41) Methacrylonitrile	7.17	41	29954	14.126	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	88276	18.111	ug/l	99
43) Isopropyl Acetate	8.17	43	112393	17.669	ug/l #	87
44) Trichloroethene	8.84	130	63981	18.379	ug/l	99
45) 1,2-Dichloropropane	9.12	63	73209	18.864	ug/l	99
46) Dibromomethane	9.21	93	41123	18.447	ug/l	100
47) Bromodichloromethane	9.40	83	85890	18.596	ug/l	98
48) Methyl methacrylate	9.20	41	57137	17.048	ug/l	98
49) 1,4-Dioxane	9.20	88	8855	328.658	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	305308	86.911	ug/l	100
52) Toluene	10.16	92	158538	18.919	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	81842	17.956	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	97135	18.054	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	55472	18.314	ug/l	98
56) Ethyl methacrylate	10.43	69	73216	17.885	ug/l	99
57) 1,3-Dichloropropane	10.71	76	98588	18.183	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	211008	93.091	ug/l	99
59) 2-Hexanone	10.75	43	197509	80.091	ug/l	100
60) Dibromochloromethane	10.90	129	57264	18.639	ug/l	96
61) 1,2-Dibromoethane	11.01	107	53242	17.886	ug/l	98
64) Tetrachloroethene	10.63	164	55167	18.732	ug/l	96
65) Chlorobenzene	11.43	112	168641	18.921	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	57897	19.177	ug/l	99
67) Ethyl Benzene	11.51	91	295751	18.865	ug/l	99
68) m/p-Xylenes	11.62	106	218873	37.488	ug/l	99
69) o-Xylene	11.95	106	105302	18.878	ug/l	100
70) Styrene	11.96	104	168282	18.674	ug/l	98
71) Bromoform	12.13	173	31885	17.703	ug/l #	98
73) Isopropylbenzene	12.25	105	280313	19.669	ug/l	99
74) N-amyl acetate	12.07	43	94827	18.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	66073	18.911	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	59811m	19.391	ug/l	
77) Bromobenzene	12.53	156	63566	19.055	ug/l	97
78) n-propylbenzene	12.59	91	322593	19.327	ug/l	100
79) 2-Chlorotoluene	12.67	91	186927	19.331	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	223394	19.710	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	15481	17.132	ug/l	90
82) 4-Chlorotoluene	12.77	91	187227	19.297	ug/l	100
83) tert-Butylbenzene	12.99	119	192144	19.418	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	220482	19.294	ug/l	100
85) sec-Butylbenzene	13.17	105	266043	19.606	ug/l	99
86) p-Isopropyltoluene	13.29	119	215937	19.022	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	108625	18.705	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	107977	18.572	ug/l	99
89) n-Butylbenzene	13.62	91	184846	18.286	ug/l	100
90) Hexachloroethane	13.87	117	36635	18.386	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	106725	18.831	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8476	17.064	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
Data File : VN052236.D
Acq On : 9 Nov 2018 19:22
Operator : MD\SY
Sample : VN1109WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:59 AM

Quant Time: Nov 12 03:45:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42451	18.942	ug/l	97
94) Hexachlorobutadiene	15.01	225	22894	18.799	ug/l	99
95) Naphthalene	15.13	128	96312	17.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	38080	17.972	ug/l	98

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

