

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054263.D
 Acq On : 14 Mar 2019 15:47
 Operator : JC/SP
 Sample : VN0314WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:42:21 AM

Quant Time: Mar 15 07:34:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1382843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2119162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1858834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	885477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	759171	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	7.59	113	699252	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.09	98	2503175	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	865367	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	274909	20.976	ug/l	97
3) Chloromethane	2.06	50	263732	20.716	ug/l	97
4) Vinyl Chloride	2.19	62	298165	20.491	ug/l	99
5) Bromomethane	2.57	94	224715	22.298	ug/l	98
6) Chloroethane	2.71	64	175677	19.954	ug/l	99
7) Trichlorofluoromethane	3.02	101	388190	20.066	ug/l	100
8) Diethyl Ether	3.41	74	194346	22.045	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	320585	22.114	ug/l	99
10) Methyl Iodide	3.94	142	275644	14.485	ug/l	100
11) Tert butyl alcohol	4.82	59	95128	94.488	ug/l	96
12) 1,1-Dichloroethene	3.73	96	315290	21.947	ug/l	98
13) Acrolein	3.61	56	56721	59.455	ug/l	99
14) Allyl chloride	4.32	41	364772	19.790	ug/l	98
15) Acrylonitrile	5.00	53	442585	107.020	ug/l	99
16) Acetone	3.82	43	347287	82.591	ug/l	99
17) Carbon Disulfide	4.04	76	658669	18.289	ug/l	98
18) Methyl Acetate	4.33	43	193429	22.737	ug/l	99
19) Methyl tert-butyl Ether	5.06	73	757445	21.271	ug/l	98
20) Methylene Chloride	4.55	84	292536	21.188	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	288526	20.961	ug/l	98
22) Diisopropyl ether	5.96	45	762923	20.739	ug/l	99
23) Vinyl Acetate	5.90	43	2762247	101.838	ug/l	100
24) 1,1-Dichloroethane	5.85	63	501471	21.230	ug/l	99
25) 2-Butanone	6.85	43	502420	101.802	ug/l	100
26) 2,2-Dichloropropane	6.82	77	354087	17.046	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	335145	21.825	ug/l	96
28) Bromochloromethane	7.19	49	209503	21.696	ug/l	98
29) Tetrahydrofuran	7.22	42	334355	105.369	ug/l	98
30) Chloroform	7.37	83	532028	21.585	ug/l	99
31) Cyclohexane	7.65	56	454801	19.854	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	457105	20.534	ug/l	98
36) 1,1-Dichloropropene	7.79	75	393881	20.183	ug/l	99
37) Ethyl Acetate	6.94	43	228421	20.370	ug/l	98
38) Carbon Tetrachloride	7.77	117	389331	19.024	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054263.D
 Acq On : 14 Mar 2019 15:47
 Operator : JC/SP
 Sample : VN0314WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0314WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:42:21 AM

Quant Time: Mar 15 07:34:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	480775	20.023	ug/l	99
40) Benzene	8.04	78	1168740	20.928	ug/l	100
41) Methacrylonitrile	7.18	41	119038	18.592	ug/l	94
42) 1,2-Dichloroethane	8.12	62	397335	21.074	ug/l	99
43) Isopropyl Acetate	8.17	43	378276	19.219	ug/l	100
44) Trichloroethene	8.83	130	363031	20.926	ug/l	100
45) 1,2-Dichloropropane	9.12	63	294692	21.251	ug/l	100
46) Dibromomethane	9.21	93	196935	21.019	ug/l	99
47) Bromodichloromethane	9.40	83	383055	20.393	ug/l	100
48) Methyl methacrylate	9.20	41	204692	20.492	ug/l	98
49) 1,4-Dioxane	9.21	88	59599	421.825	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1076041	103.304	ug/l	99
52) Toluene	10.16	92	734427	20.741	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	345830	17.444	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	421005	19.234	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	273323	21.139	ug/l	98
56) Ethyl methacrylate	10.43	69	306932	19.909	ug/l	99
57) 1,3-Dichloropropane	10.71	76	443080	20.958	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	589903	99.088	ug/l	100
59) 2-Hexanone	10.75	43	674520	97.320	ug/l	100
60) Dibromochloromethane	10.90	129	282248	19.394	ug/l	100
61) 1,2-Dibromoethane	11.01	107	272650	20.751	ug/l	100
64) Tetrachloroethene	10.63	164	367206	20.432	ug/l	98
65) Chlorobenzene	11.43	112	853765	20.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	300286	20.253	ug/l	99
67) Ethyl Benzene	11.51	91	1384484	20.463	ug/l	100
68) m/p-Xylenes	11.62	106	1082463	40.934	ug/l	100
69) o-Xylene	11.95	106	536798	20.824	ug/l	98
70) Styrene	11.96	104	830821	20.550	ug/l	99
71) Bromoform	12.13	173	178109	17.368	ug/l	99
73) Isopropylbenzene	12.25	105	1411433	19.923	ug/l	100
74) N-amyl acetate	12.07	43	296283	18.842	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	307626	20.381	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	276246m	21.215	ug/l	
77) Bromobenzene	12.53	156	378521	20.192	ug/l	97
78) n-propylbenzene	12.59	91	1535036	19.969	ug/l	100
79) 2-Chlorotoluene	12.67	91	927811	20.074	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1171680	19.884	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	53127	13.947	ug/l #	83
82) 4-Chlorotoluene	12.77	91	915348	19.833	ug/l	99
83) tert-Butylbenzene	12.99	119	1078502	19.884	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1160380	20.072	ug/l	100
85) sec-Butylbenzene	13.17	105	1406501	19.996	ug/l	100
86) p-Isopropyltoluene	13.29	119	1215080	19.690	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	642698	20.346	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	628363	20.249	ug/l	100
89) n-Butylbenzene	13.62	91	920494	19.632	ug/l	100
90) Hexachloroethane	13.88	117	175982	17.223	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	641923	20.787	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43972	18.827	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
Data File : VN054263.D
Acq On : 14 Mar 2019 15:47
Operator : JC/SP
Sample : VN0314WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2019 9:42:21 AM

Quant Time: Mar 15 07:34:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	332597	19.459	ug/l	99
94) Hexachlorobutadiene	15.01	225	230362	19.585	ug/l	99
95) Naphthalene	15.13	128	658225	19.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	340949	20.780	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
Data File : VN054263.D
Acq On : 14 Mar 2019 15:47
Operator : JC/SP
Sample : VN0314WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN0314WBSD01

Manual Integrations
APPROVED

MMDadoda
3/15/2019 9:42:21 AM

Quant Time: Mar 15 07:34:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

