

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053342.D
 Acq On : 10 Jan 2019 15:28
 Operator : MD\SY
 Sample : VN0110WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:12:01 AM

Quant Time: Jan 11 06:26:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	880751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1361096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1224971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	556051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	444918	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.59	113	380606	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.09	98	1617035	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.40	95	566445	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	156869	20.203	ug/l	100
3) Chloromethane	2.06	50	212541	19.601	ug/l	99
4) Vinyl Chloride	2.19	62	209068	20.201	ug/l	98
5) Bromomethane	2.53	94	129475	19.145	ug/l	97
6) Chloroethane	2.69	64	121487	19.448	ug/l	98
7) Trichlorofluoromethane	3.01	101	264936	19.763	ug/l	98
8) Diethyl Ether	3.41	74	105475	20.074	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	168332	19.813	ug/l	99
10) Methyl Iodide	3.95	142	234974	19.731	ug/l	100
11) Tert butyl alcohol	4.78	59	42318	76.783	ug/l	100
12) 1,1-Dichloroethene	3.74	96	160222	19.496	ug/l	98
13) Acrolein	3.61	56	57624	83.156	ug/l	98
14) Allyl chloride	4.32	41	265764	20.065	ug/l	96
15) Acrylonitrile	4.99	53	321966	97.860	ug/l	99
16) Acetone	3.82	43	201516	89.947	ug/l	100
17) Carbon Disulfide	4.05	76	441093	17.410	ug/l	99
18) Methyl Acetate	4.32	43	165423	19.947	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	466425	20.223	ug/l	99
20) Methylene Chloride	4.55	84	197317	20.050	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	171184	19.400	ug/l	97
22) Diisopropyl ether	5.95	45	584771	20.494	ug/l	97
23) Vinyl Acetate	5.89	43	1808445	100.726	ug/l	99
24) 1,1-Dichloroethane	5.85	63	332026	20.175	ug/l	100
25) 2-Butanone	6.83	43	350945	93.355	ug/l	99
26) 2,2-Dichloropropane	6.82	77	236880	19.691	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	203344	20.180	ug/l	99
28) Bromochloromethane	7.19	49	142108	20.263	ug/l	99
29) Tetrahydrofuran	7.21	42	239124	96.391	ug/l	98
30) Chloroform	7.37	83	325235	20.078	ug/l	99
31) Cyclohexane	7.65	56	316082	20.095	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	266177	19.720	ug/l	99
36) 1,1-Dichloropropene	7.79	75	247246	19.458	ug/l	100
37) Ethyl Acetate	6.93	43	161194	19.476	ug/l	98
38) Carbon Tetrachloride	7.77	117	229152	19.538	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053342.D
 Acq On : 10 Jan 2019 15:28
 Operator : MD\SY
 Sample : VN0110WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0110WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:12:01 AM

Quant Time: Jan 11 06:26:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	304150	20.661	ug/l	100
40) Benzene	8.04	78	776070	19.994	ug/l	100
41) Methacrylonitrile	7.17	41	84816	16.506	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	232499	20.194	ug/l	99
43) Isopropyl Acetate	8.17	43	301198	18.499	ug/l	98
44) Trichloroethene	8.83	130	210898	19.788	ug/l	100
45) 1,2-Dichloropropane	9.12	63	206517	20.286	ug/l	99
46) Dibromomethane	9.21	93	118835	20.021	ug/l	99
47) Bromodichloromethane	9.40	83	240742	19.462	ug/l	98
48) Methyl methacrylate	9.20	41	145362	19.651	ug/l	99
49) 1,4-Dioxane	9.20	88	20051	254.415	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	812094	99.181	ug/l	100
52) Toluene	10.16	92	483946	20.323	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	248960	19.675	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	294620	20.149	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	173446	19.809	ug/l	99
56) Ethyl methacrylate	10.43	69	231393	20.337	ug/l	99
57) 1,3-Dichloropropane	10.71	76	298532	20.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	605280	98.399	ug/l	100
59) 2-Hexanone	10.75	43	543606	96.897	ug/l	100
60) Dibromochloromethane	10.90	129	183957	19.479	ug/l	99
61) 1,2-Dibromoethane	11.00	107	175292	20.288	ug/l	100
64) Tetrachloroethene	10.63	164	239059	20.735	ug/l	99
65) Chlorobenzene	11.43	112	536572	20.164	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	182618	19.606	ug/l	99
67) Ethyl Benzene	11.51	91	912491	20.180	ug/l	99
68) m/p-Xylenes	11.62	106	699416	41.135	ug/l	100
69) o-Xylene	11.95	106	343462	20.633	ug/l	99
70) Styrene	11.96	104	558826	20.627	ug/l	100
71) Bromoform	12.13	173	128041	19.462	ug/l #	100
73) Isopropylbenzene	12.25	105	905203	21.865	ug/l	100
74) N-amyl acetate	12.07	43	254721	20.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	195002	20.476	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	174326m	21.494	ug/l	
77) Bromobenzene	12.53	156	235066	21.274	ug/l	99
78) n-propylbenzene	12.59	91	1031619	22.029	ug/l	99
79) 2-Chlorotoluene	12.68	91	611704	21.588	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	734370	22.022	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	57450	20.841	ug/l	97
82) 4-Chlorotoluene	12.77	91	614611	21.153	ug/l	100
83) tert-Butylbenzene	12.99	119	650898	22.247	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	742718	21.862	ug/l	99
85) sec-Butylbenzene	13.17	105	886418	22.973	ug/l	99
86) p-Isopropyltoluene	13.29	119	754489	22.584	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	399656	20.539	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	389456	20.177	ug/l	99
89) n-Butylbenzene	13.62	91	617630	22.051	ug/l	100
90) Hexachloroethane	13.88	117	107804	20.133	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	362638	19.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24215	20.964	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
Data File : VN053342.D
Acq On : 10 Jan 2019 15:28
Operator : MD\SY
Sample : VN0110WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBSD02

Manual Integrations
APPROVED

MMDadoda
1/11/2019 10:12:01 AM

Quant Time: Jan 11 06:26:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	137479	23.989	ug/l	100
94) Hexachlorobutadiene	15.01	225	103263	22.030	ug/l	97
95) Naphthalene	15.13	128	252794	25.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	96178	25.634	ug/l	99

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

