

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058727.D
 Acq On : 12 Oct 2019 1:33
 Operator : JC/SP
 Sample : VN1013WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:48:58 AM

Quant Time: Oct 12 05:56:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	646494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	602160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285677	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	291100	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
35) Dibromofluoromethane	7.57	113	209002	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
50) Toluene-d8	10.08	98	814164	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.41	95	297844	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	107907	21.938	ug/l	98
3) Chloromethane	2.04	50	119203	20.380	ug/l	99
4) Vinyl Chloride	2.17	62	121239	20.812	ug/l	100
5) Bromomethane	2.54	94	74838	21.118	ug/l	100
6) Chloroethane	2.69	64	74348	20.691	ug/l	94
7) Trichlorofluoromethane	3.00	101	145726	20.902	ug/l	99
8) Diethyl Ether	3.39	74	52546	20.399	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	84132	21.164	ug/l	97
10) Methyl Iodide	3.93	142	108735	20.045	ug/l	99
11) Tert butyl alcohol	4.76	59	92008	102.753	ug/l	100
12) 1,1-Dichloroethene	3.72	96	80063	21.109	ug/l	95
13) Acrolein	3.59	56	66239	91.979	ug/l	99
14) Allyl chloride	4.30	41	148318m	19.378	ug/l	
15) Acrylonitrile	4.96	53	235374	104.234	ug/l	100
16) Acetone	3.79	43	211710	92.491	ug/l	99
17) Carbon Disulfide	4.03	76	244680	20.182	ug/l	99
18) Methyl Acetate	4.30	43	120097	20.684	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	278040	20.530	ug/l	96
20) Methylene Chloride	4.53	84	93914	19.631	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	88082	20.762	ug/l	97
22) Diisopropyl ether	5.93	45	309504	20.797	ug/l	94
23) Vinyl Acetate	5.87	43	1278665	106.481	ug/l	100
24) 1,1-Dichloroethane	5.82	63	179068	21.127	ug/l	99
25) 2-Butanone	6.81	43	324673	98.134	ug/l	99
26) 2,2-Dichloropropane	6.80	77	121730	15.733	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	99907	20.194	ug/l	96
28) Bromochloromethane	7.17	49	62953	21.350	ug/l	99
29) Tetrahydrofuran	7.19	42	219452	102.642	ug/l	99
30) Chloroform	7.36	83	173887	20.420	ug/l	96
31) Cyclohexane	7.64	56	161054	19.859	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	151379	20.844	ug/l	99
36) 1,1-Dichloropropene	7.78	75	132144	20.216	ug/l	100
37) Ethyl Acetate	6.91	43	139960	21.172	ug/l	99
38) Carbon Tetrachloride	7.76	117	135359	21.248	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058727.D
 Acq On : 12 Oct 2019 1:33
 Operator : JC/SP
 Sample : VN1013WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1013WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:48:58 AM

Quant Time: Oct 12 05:56:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	148048	19.519	ug/l	98
40) Benzene	8.03	78	380193	20.252	ug/l	100
41) Methacrylonitrile	7.16	41	63605m	20.555	ug/l	
42) 1,2-Dichloroethane	8.11	62	147444	20.444	ug/l	100
43) Isopropyl Acetate	8.15	43	222555	19.763	ug/l	100
44) Trichloroethene	8.82	130	94537	20.279	ug/l	97
45) 1,2-Dichloropropane	9.11	63	104068	20.708	ug/l	99
46) Dibromomethane	9.20	93	66175	20.769	ug/l	99
47) Bromodichloromethane	9.39	83	134246	20.691	ug/l	96
48) Methyl methacrylate	9.19	41	105239	20.616	ug/l	97
49) 1,4-Dioxane	9.19	88	31195	395.012	ug/l	92
51) 4-Methyl-2-Pentanone	9.98	43	687338	108.678	ug/l	99
52) Toluene	10.15	92	231829	20.191	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	143909	19.338	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	154551	19.561	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	93521	19.900	ug/l	98
56) Ethyl methacrylate	10.43	69	139446	20.311	ug/l	100
57) 1,3-Dichloropropane	10.71	76	164485	20.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	335885	101.518	ug/l	99
59) 2-Hexanone	10.75	43	501159	102.536	ug/l	99
60) Dibromochloromethane	10.90	129	98982	20.418	ug/l	100
61) 1,2-Dibromoethane	11.00	107	94980	20.174	ug/l	100
64) Tetrachloroethene	10.63	164	85847	20.371	ug/l	94
65) Chlorobenzene	11.43	112	244680	20.009	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	90803	20.081	ug/l	99
67) Ethyl Benzene	11.51	91	448174	20.560	ug/l	100
68) m/p-Xylenes	11.62	106	329171	40.239	ug/l	99
69) o-Xylene	11.95	106	157798	19.937	ug/l	98
70) Styrene	11.97	104	254854	19.646	ug/l	99
71) Bromoform	12.13	173	66251	19.989	ug/l #	99
73) Isopropylbenzene	12.25	105	436345	21.090	ug/l	98
74) N-amyl acetate	12.07	43	187172	20.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	140752	20.651	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	126650m	20.209	ug/l	
77) Bromobenzene	12.53	156	103873	20.641	ug/l	97
78) n-propylbenzene	12.60	91	506720	21.018	ug/l	100
79) 2-Chlorotoluene	12.68	91	303357	20.273	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	365549	20.695	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	41083	17.560	ug/l	91
82) 4-Chlorotoluene	12.78	91	304991	19.863	ug/l	98
83) tert-Butylbenzene	13.00	119	311526	20.588	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	364229	20.771	ug/l	99
85) sec-Butylbenzene	13.18	105	414929	20.810	ug/l	100
86) p-Isopropyltoluene	13.29	119	368709	20.347	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	185882	20.029	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	183835	19.482	ug/l	98
89) n-Butylbenzene	13.62	91	327913	19.570	ug/l	99
90) Hexachloroethane	13.88	117	68447	21.109	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	182809	20.210	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	30870	19.387	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058727.D
Acq On : 12 Oct 2019 1:33
Operator : JC/SP
Sample : VN1013WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBS02

Manual Integrations
APPROVED

MMDadoda
10/16/2019 12:48:58 AM

Quant Time: Oct 12 05:56:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	105354	19.094	ug/l	98
94) Hexachlorobutadiene	15.01	225	55130	18.973	ug/l	99
95) Naphthalene	15.13	128	308366	19.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	102424	19.013	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058727.D
Acq On : 12 Oct 2019 1:33
Operator : JC/SP
Sample : VN1013WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBS02

Manual Integrations
APPROVED

MMDadoda
10/16/2019 12:48:58 AM

Quant Time: Oct 12 05:56:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

