

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058730.D
 Acq On : 12 Oct 2019 2:39
 Operator : JC/SP
 Sample : VN1013WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:49:00 AM

Quant Time: Oct 12 06:07:57 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	394098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	650611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	607397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285178	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	290985	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.57	113	209452	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.09	98	810878	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	293664	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	106055	21.607	ug/l 100
3) Chloromethane	2.04	50	120240	20.601	ug/l 100
4) Vinyl Chloride	2.17	62	119904	20.627	ug/l 100
5) Bromomethane	2.55	94	74782	21.147	ug/l 100
6) Chloroethane	2.68	64	75313	21.004	ug/l 100
7) Trichlorofluoromethane	3.00	101	145172	20.867	ug/l 98
8) Diethyl Ether	3.39	74	51045	19.858	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	80369	20.261	ug/l 98
10) Methyl Iodide	3.93	142	108188	19.986	ug/l 100
11) Tert butyl alcohol	4.76	59	88884	99.474	ug/l 100
12) 1,1-Dichloroethene	3.72	96	77247	20.410	ug/l 97
13) Acrolein	3.58	56	62822	87.419	ug/l 96
14) Allyl chloride	4.30	41	147287	19.284	ug/l 98
15) Acrylonitrile	4.96	53	231956	102.938	ug/l 99
16) Acetone	3.80	43	209744	91.826	ug/l 100
17) Carbon Disulfide	4.03	76	242241	20.023	ug/l 100
18) Methyl Acetate	4.30	43	121964	21.050	ug/l 99
19) Methyl tert-butyl Ether	5.02	73	281913	20.860	ug/l 97
20) Methylene Chloride	4.53	84	94385	19.772	ug/l 97
21) trans-1,2-Dichloroethene	5.02	96	87457	20.658	ug/l 95
22) Diisopropyl ether	5.93	45	310340	20.898	ug/l 96
23) Vinyl Acetate	5.87	43	1278859	106.723	ug/l 99
24) 1,1-Dichloroethane	5.82	63	179094	21.175	ug/l 98
25) 2-Butanone	6.82	43	321447	97.365	ug/l 99
26) 2,2-Dichloropropane	6.81	77	118037	15.288	ug/l 99
27) cis-1,2-Dichloroethene	6.81	96	98081	19.867	ug/l 98
28) Bromochloromethane	7.18	49	62581	21.268	ug/l 99
29) Tetrahydrofuran	7.19	42	217795	102.083	ug/l 99
30) Chloroform	7.35	83	174869	20.578	ug/l 97
31) Cyclohexane	7.64	56	157640	19.479	ug/l 98
32) 1,1,1-Trichloroethane	7.55	97	150309	20.741	ug/l 99
36) 1,1-Dichloropropene	7.78	75	130527	19.843	ug/l 98
37) Ethyl Acetate	6.91	43	137771	20.709	ug/l 99
38) Carbon Tetrachloride	7.76	117	131894	20.573	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058730.D
 Acq On : 12 Oct 2019 2:39
 Operator : JC/SP
 Sample : VN1013WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1013WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:49:00 AM

Quant Time: Oct 12 06:07:57 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	143028	18.738	ug/l	99
40) Benzene	8.02	78	380060	20.117	ug/l	100
41) Methacrylonitrile	7.17	41	68550m	22.012	ug/l	
42) 1,2-Dichloroethane	8.11	62	150178	20.691	ug/l	99
43) Isopropyl Acetate	8.15	43	221041	19.504	ug/l	99
44) Trichloroethene	8.82	130	95133	20.277	ug/l	97
45) 1,2-Dichloropropane	9.11	63	105696	20.899	ug/l	95
46) Dibromomethane	9.20	93	66372	20.699	ug/l	100
47) Bromodichloromethane	9.39	83	134263	20.562	ug/l	95
48) Methyl methacrylate	9.19	41	100345	19.533	ug/l	99
49) 1,4-Dioxane	9.19	88	31981	402.402	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	678981	106.677	ug/l	99
52) Toluene	10.15	92	233073	20.171	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	142974	19.091	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	154482	19.428	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	92655	19.591	ug/l	98
56) Ethyl methacrylate	10.43	69	137084	19.841	ug/l	99
57) 1,3-Dichloropropane	10.71	76	163397	20.275	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	336557	101.077	ug/l	99
59) 2-Hexanone	10.75	43	496354	100.910	ug/l	98
60) Dibromochloromethane	10.90	129	99157	20.325	ug/l	99
61) 1,2-Dibromoethane	11.00	107	93482	19.730	ug/l	99
64) Tetrachloroethene	10.63	164	83875	19.732	ug/l	95
65) Chlorobenzene	11.43	112	247668	20.079	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	92828	20.352	ug/l	99
67) Ethyl Benzene	11.51	91	447526	20.353	ug/l	100
68) m/p-Xylenes	11.62	106	329896	39.980	ug/l	99
69) o-Xylene	11.95	106	158390	19.840	ug/l	99
70) Styrene	11.97	104	255140	19.499	ug/l	99
71) Bromoform	12.13	173	65767	19.671	ug/l #	99
73) Isopropylbenzene	12.25	105	427134	20.681	ug/l	100
74) N-amyl acetate	12.07	43	187097	20.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	139493	20.502	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	135951m	21.731	ug/l	
77) Bromobenzene	12.53	156	102622	20.428	ug/l	98
78) n-propylbenzene	12.59	91	502030	20.860	ug/l	100
79) 2-Chlorotoluene	12.68	91	300062	20.088	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	366591	20.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40975	17.544	ug/l	92
82) 4-Chlorotoluene	12.78	91	311468	20.320	ug/l	99
83) tert-Butylbenzene	13.00	119	309557	20.493	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	367212	20.978	ug/l	100
85) sec-Butylbenzene	13.18	105	409758	20.587	ug/l	99
86) p-Isopropyltoluene	13.29	119	369951	20.451	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	186343	20.114	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	185825	19.728	ug/l	98
89) n-Butylbenzene	13.62	91	320749	19.176	ug/l	100
90) Hexachloroethane	13.88	117	66963	20.688	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	185209	20.512	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	30293	19.058	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058730.D
Acq On : 12 Oct 2019 2:39
Operator : JC/SP
Sample : VN1013WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBSD02

Manual Integrations
APPROVED

MMDadoda
10/16/2019 12:49:00 AM

Quant Time: Oct 12 06:07:57 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	105689	19.188	ug/l	100
94) Hexachlorobutadiene	15.02	225	53057	18.292	ug/l	99
95) Naphthalene	15.13	128	305969	19.328	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	103267	19.203	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058730.D
Acq On : 12 Oct 2019 2:39
Operator : JC/SP
Sample : VN1013WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN1013WBSD02

Manual Integrations
APPROVED

MMDadoda
10/16/2019 12:49:00 AM

Quant Time: Oct 12 06:07:57 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

