

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059027.D
 Acq On : 31 Oct 2019 10:11
 Operator : JC/SP
 Sample : VN1031WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 7:04:09 AM

Quant Time: Nov 01 00:34:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	625186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	274457	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.57	113	206146	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.08	98	761426	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.40	95	284020	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	87685	17.837	ug/l	99
3) Chloromethane	2.04	50	111471	18.309	ug/l	97
4) Vinyl Chloride	2.17	62	116459	19.265	ug/l	97
5) Bromomethane	2.54	94	65950	17.421	ug/l	99
6) Chloroethane	2.68	64	71844	18.532	ug/l	97
7) Trichlorofluoromethane	3.00	101	142925	19.108	ug/l	99
8) Diethyl Ether	3.39	74	55517	21.478	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	83192	20.062	ug/l	98
10) Methyl Iodide	3.93	142	97407	17.860	ug/l	98
11) Tert butyl alcohol	4.75	59	106111	110.575	ug/l	99
12) 1,1-Dichloroethene	3.71	96	77910	20.044	ug/l	98
13) Acrolein	3.59	56	40462	61.365	ug/l	95
14) Allyl chloride	4.30	41	163036	20.729	ug/l	95
15) Acrylonitrile	4.96	53	274830	113.855	ug/l	99
16) Acetone	3.79	43	313014	109.541	ug/l	98
17) Carbon Disulfide	4.03	76	215055	17.176	ug/l	99
18) Methyl Acetate	4.30	43	148037	22.787	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	296775	21.805	ug/l	97
20) Methylene Chloride	4.53	84	96827	19.845	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	87231	20.322	ug/l	94
22) Diisopropyl ether	5.93	45	333483	21.677	ug/l	97
23) Vinyl Acetate	5.87	43	1363086	110.281	ug/l	99
24) 1,1-Dichloroethane	5.82	63	181868	20.388	ug/l	100
25) 2-Butanone	6.81	43	399868	107.800	ug/l	98
26) 2,2-Dichloropropane	6.80	77	158362	20.524	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	101497	20.699	ug/l	98
28) Bromochloromethane	7.17	49	57353	19.305	ug/l	99
29) Tetrahydrofuran	7.19	42	252310	111.192	ug/l	99
30) Chloroform	7.35	83	177653	19.854	ug/l	100
31) Cyclohexane	7.63	56	157020	18.894	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	150929	20.011	ug/l	98
36) 1,1-Dichloropropene	7.77	75	126570	19.775	ug/l	99
37) Ethyl Acetate	6.90	43	155996	22.368	ug/l	99
38) Carbon Tetrachloride	7.75	117	129192	19.593	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059027.D
 Acq On : 31 Oct 2019 10:11
 Operator : JC/SP
 Sample : VN1031WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1031WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 7:04:09 AM

Quant Time: Nov 01 00:34:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	139136	19.360	ug/l	100
40) Benzene	8.02	78	392145	20.864	ug/l	99
41) Methacrylonitrile	7.15	41	67421	21.705	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	144548	19.965	ug/l	100
43) Isopropyl Acetate	8.15	43	239362	21.400	ug/l	99
44) Trichloroethene	8.82	130	96480	21.073	ug/l	97
45) 1,2-Dichloropropane	9.11	63	109947	21.333	ug/l	98
46) Dibromomethane	9.20	93	66055	20.273	ug/l	98
47) Bromodichloromethane	9.39	83	140338	20.898	ug/l	99
48) Methyl methacrylate	9.19	41	107273	21.139	ug/l	97
49) 1,4-Dioxane	9.19	88	38614	463.525	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	768473	117.627	ug/l	99
52) Toluene	10.15	92	236153	21.187	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	154463	20.778	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	165327	20.816	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	96941	21.113	ug/l	98
56) Ethyl methacrylate	10.43	69	146450	20.289	ug/l	97
57) 1,3-Dichloropropane	10.70	76	169847	21.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	307284	97.874	ug/l	99
59) 2-Hexanone	10.75	43	577176	114.329	ug/l	98
60) Dibromochloromethane	10.90	129	104013	21.046	ug/l	99
61) 1,2-Dibromoethane	11.00	107	98181	20.894	ug/l	99
64) Tetrachloroethene	10.63	164	81784	20.392	ug/l	97
65) Chlorobenzene	11.43	112	247590	21.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	95562	21.721	ug/l	100
67) Ethyl Benzene	11.51	91	448736	21.940	ug/l	98
68) m/p-Xylenes	11.62	106	324396	42.769	ug/l	98
69) o-Xylene	11.95	106	155769	21.533	ug/l	98
70) Styrene	11.97	104	254033	20.087	ug/l	99
71) Bromoform	12.13	173	72539	21.262	ug/l #	100
73) Isopropylbenzene	12.25	105	427101	21.881	ug/l	99
74) N-amyl acetate	12.07	43	192983	21.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	152314	22.192	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	146713m	23.701	ug/l	
77) Bromobenzene	12.53	156	104332	21.685	ug/l	97
78) n-propylbenzene	12.60	91	499003	21.627	ug/l	100
79) 2-Chlorotoluene	12.68	91	303494	21.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	362484	22.103	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50687	21.331	ug/l	97
82) 4-Chlorotoluene	12.78	91	306367	21.230	ug/l	99
83) tert-Butylbenzene	13.00	119	306947	21.887	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	363276	22.458	ug/l	100
85) sec-Butylbenzene	13.18	105	416865	22.295	ug/l	99
86) p-Isopropyltoluene	13.29	119	368463	22.334	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	180349	20.964	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	180198	20.921	ug/l	99
89) n-Butylbenzene	13.62	91	314896	20.778	ug/l	99
90) Hexachloroethane	13.88	117	70891	21.206	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	182914	21.633	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	31940	20.575	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
Data File : VN059027.D
Acq On : 31 Oct 2019 10:11
Operator : JC/SP
Sample : VN1031WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Manual Integrations
APPROVED

MMDadoda
11/4/2019 7:04:09 AM

Quant Time: Nov 01 00:34:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	94178	19.322	ug/l	99
94) Hexachlorobutadiene	15.02	225	58661	21.405	ug/l	96
95) Naphthalene	15.13	128	257738	18.322	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	96597	20.143	ug/l	99

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

