

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057611.D
 Acq On : 31 Aug 2019 13:10
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:51:47 AM

Quant Time: Aug 31 15:56:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:32:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	161740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	268801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	227360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	81998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	18202	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	
35) Dibromofluoromethane	7.57	113	11973	5.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.26%	
50) Toluene-d8	10.08	98	41702	4.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.08%	
62) 4-Bromofluorobenzene	12.40	95	17030	4.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	10755	4.158	ug/l	97
3) Chloromethane	2.05	50	13507	4.530	ug/l	98
4) Vinyl Chloride	2.18	62	10712	4.587	ug/l	96
5) Bromomethane	2.51	94	7154	4.803	ug/l	92
6) Chloroethane	2.65	64	6160	4.722	ug/l	99
7) Trichlorofluoromethane	2.99	101	14975	4.568	ug/l	98
8) Diethyl Ether	3.39	74	5258	4.847	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	8343	5.020	ug/l	97
10) Methyl Iodide	3.92	142	8478	3.754	ug/l	92
11) Tert butyl alcohol	4.82	59	7923	19.818	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	7100	4.713	ug/l	81
13) Acrolein	3.59	56	4183	28.144	ug/l #	80
14) Allyl chloride	4.29	41	21716	4.620	ug/l	96
15) Acrylonitrile	4.97	53	24864	21.623	ug/l #	87
16) Acetone	3.81	43	24200	23.634	ug/l	93
17) Carbon Disulfide	4.01	76	20011	4.109	ug/l	98
18) Methyl Acetate	4.31	43	20026	5.696	ug/l	96
19) Methyl tert-butyl Ether	5.03	73	33506	4.299	ug/l	95
20) Methylene Chloride	4.53	84	11369	4.485	ug/l #	89
21) trans-1,2-Dichloroethene	5.01	96	9653	4.310	ug/l	95
22) Diisopropyl ether	5.94	45	43483m	4.503	ug/l	
23) Vinyl Acetate	5.88	43	146731	19.761	ug/l	99
24) 1,1-Dichloroethane	5.83	63	20453	4.217	ug/l	95
25) 2-Butanone	6.84	43	36198	21.215	ug/l	99
26) 2,2-Dichloropropane	6.80	77	15430	3.980	ug/l #	70
27) cis-1,2-Dichloroethene	6.81	96	12125	4.533	ug/l	94
28) Bromochloromethane	7.18	49	12355	4.784	ug/l	97
29) Tetrahydrofuran	7.21	42	23532	21.983	ug/l	95
30) Chloroform	7.36	83	21987	4.469	ug/l	99
31) Cyclohexane	7.64	56	24992	5.206	ug/l #	68
32) 1,1,1-Trichloroethane	7.56	97	16643	4.124	ug/l	97
36) 1,1-Dichloropropene	7.77	75	15526	4.357	ug/l	98
37) Ethyl Acetate	6.92	43	12861	3.789	ug/l #	89
38) Carbon Tetrachloride	7.75	117	13138	4.118	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057611.D
 Acq On : 31 Aug 2019 13:10
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:51:47 AM

Quant Time: Aug 31 15:56:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:32:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	18343	4.357	ug/l	94
40) Benzene	8.02	78	46720	4.504	ug/l	98
41) Methacrylonitrile	7.16	41	6300	5.443	ug/l #	84
42) 1,2-Dichloroethane	8.11	62	18111	4.298	ug/l	99
43) Isopropyl Acetate	8.16	43	24068	3.941	ug/l	98
44) Trichloroethene	8.82	130	11020	4.683	ug/l	83
45) 1,2-Dichloropropane	9.11	63	13994	4.843	ug/l #	87
46) Dibromomethane	9.20	93	8054	4.502	ug/l	90
47) Bromodichloromethane	9.39	83	13819	3.802	ug/l	99
48) Methyl methacrylate	9.19	41	13093	4.199	ug/l	96
49) 1,4-Dioxane	9.20	88	3060	83.804	ug/l	92
51) 4-Methyl-2-Pentanone	9.98	43	69939	19.980	ug/l	99
52) Toluene	10.15	92	25871	4.220	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	13152	6.251	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	15275	5.113	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	9671	4.157	ug/l	94
56) Ethyl methacrylate	10.43	69	15596	4.017	ug/l	97
57) 1,3-Dichloropropane	10.71	76	17935	4.202	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	22379	19.704	ug/l	99
59) 2-Hexanone	10.75	43	50443	19.623	ug/l	96
60) Dibromochloromethane	10.90	129	7495	6.276	ug/l	88
61) 1,2-Dibromoethane	11.00	107	9413	4.019	ug/l	94
64) Tetrachloroethene	10.63	164	8919	4.530	ug/l	91
65) Chlorobenzene	11.43	112	25100	4.406	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	8280	4.167	ug/l	95
67) Ethyl Benzene	11.51	91	46637	4.213	ug/l	94
68) m/p-Xylenes	11.62	106	32586	8.356	ug/l	91
69) o-Xylene	11.95	106	15685	4.150	ug/l	98
70) Styrene	11.96	104	23338	5.837	ug/l	96
71) Bromoform	12.13	173	4014	8.599	ug/l #	62
73) Isopropylbenzene	12.25	105	42133	5.089	ug/l	98
74) N-amyl acetate	12.07	43	18492	4.733	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	12367	5.068	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	10920m	5.063	ug/l	
77) Bromobenzene	12.53	156	8355	4.742	ug/l	92
78) n-propylbenzene	12.59	91	45591	4.948	ug/l	98
79) 2-Chlorotoluene	12.68	91	27720	4.824	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	31167	4.576	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.30	75	2411	3.620	ug/l	84
82) 4-Chlorotoluene	12.77	91	28049	4.932	ug/l	99
83) tert-Butylbenzene	12.99	119	28471	4.927	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	30091	4.567	ug/l	97
85) sec-Butylbenzene	13.17	105	38033	4.893	ug/l	100
86) p-Isopropyltoluene	13.29	119	30006	4.668	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	12632	4.400	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	12226	4.409	ug/l	89
89) n-Butylbenzene	13.62	91	28573	4.743	ug/l	97
90) Hexachloroethane	13.88	117	4863	4.357	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	10793	3.940	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1430	3.806	ug/l	81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
Data File : VN057611.D
Acq On : 31 Aug 2019 13:10
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
9/3/2019 11:51:47 AM

Quant Time: Aug 31 15:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:32:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2715	10.201	ug/l	86
94) Hexachlorobutadiene	15.01	225	4743	5.046	ug/l	97
95) Naphthalene	15.13	128	8490	8.984	ug/l	95
96) 1,2,3-Trichlorobenzene	15.30	180	2759	9.723	ug/l	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
Data File : VN057611.D
Acq On : 31 Aug 2019 13:10
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
9/3/2019 11:51:47 AM

Quant Time: Aug 31 15:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:32:37 2019
Response via : Initial Calibration

