

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080719\
 Data File : VN057112.D
 Acq On : 7 Aug 2019 18:26
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/8/2019 2:40:15 PM

Quant Time: Aug 08 05:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 04:56:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1132214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.00	114	1669635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1339238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	343335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.82	85	9998	1.133	ug/l	96
3) Chloromethane	2.00	50	14398	1.220	ug/l	93
4) Vinyl Chloride	2.11	62	11582	1.027	ug/l	99
6) Chloroethane	2.55	64	8020	1.445	ug/l	98
7) Trichlorofluoromethane	2.82	101	16377	1.053	ug/l	96
8) Diethyl Ether	3.14	74	6498	1.024	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.44	101	10645	1.081	ug/l	100
12) 1,1-Dichloroethene	3.43	96	9693	0.982	ug/l	94
14) Allyl chloride	3.91	41	13853	0.935	ug/l	97
15) Acrylonitrile	4.46	53	19274	4.649	ug/l	97
16) Acetone	3.48	43	18330	5.108	ug/l	100
17) Carbon Disulfide	3.72	76	26965	1.116	ug/l #	95
18) Methyl Acetate	3.89	43	27801	2.239	ug/l	93
19) Methyl tert-butyl Ether	4.50	73	28094	0.972	ug/l #	89
20) Methylene Chloride	4.09	84	13524	1.193	ug/l	98
21) trans-1,2-Dichloroethene	4.50	96	11030	1.060	ug/l	96
22) Diisopropyl ether	5.31	45	30831	0.991	ug/l #	79
23) Vinyl Acetate	5.27	43	105490	4.538	ug/l	97
24) 1,1-Dichloroethane	5.25	63	19595	1.023	ug/l	98
25) 2-Butanone	6.21	43	22589	4.413	ug/l	92
26) 2,2-Dichloropropane	6.22	77	13202m	0.904	ug/l	
27) cis-1,2-Dichloroethene	6.21	96	11516	0.948	ug/l	95
28) Bromochloromethane	6.59	49	8392	0.990	ug/l #	98
29) Tetrahydrofuran	6.60	42	17060	5.123	ug/l #	82
30) Chloroform	6.75	83	22386	1.166	ug/l	90
32) 1,1,1-Trichloroethane	6.98	97	16291	1.017	ug/l #	49
36) 1,1-Dichloropropene	7.20	75	12285	0.847	ug/l #	90
37) Ethyl Acetate	6.30	43	7504	0.679	ug/l #	95
38) Carbon Tetrachloride	7.18	117	14909	1.067	ug/l	89
39) Methylcyclohexane	8.52	83	16586	0.988	ug/l	90
40) Benzene	7.46	78	43318	0.968	ug/l	97
41) Methacrylonitrile	6.54	41	5238m	1.126	ug/l	
42) 1,2-Dichloroethane	7.54	62	14453	1.031	ug/l	88
43) Isopropyl Acetate	7.57	43	18646	0.925	ug/l #	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080719\
 Data File : VN057112.D
 Acq On : 7 Aug 2019 18:26
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/8/2019 2:40:15 PM

Quant Time: Aug 08 05:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 04:56:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.27	130	12364	1.011	ug/l	92
45) 1,2-Dichloropropane	8.56	63	11196	0.967	ug/l	98
46) Dibromomethane	8.65	93	7255	1.007	ug/l	96
47) Bromodichloromethane	8.85	83	12671	0.916	ug/l #	96
48) Methyl methacrylate	8.64	41	9077	1.023	ug/l	86
49) 1,4-Dioxane	8.64	88	3379	18.742	ug/l #	63
51) 4-Methyl-2-Pentanone	9.45	43	50244	4.989	ug/l	95
52) Toluene	9.62	92	25911	0.953	ug/l	93
53) t-1,3-Dichloropropene	9.86	75	12363	0.852	ug/l	99
54) cis-1,3-Dichloropropene	9.29	75	14597	0.858	ug/l	93
55) 1,1,2-Trichloroethane	10.04	97	10775	1.039	ug/l	92
56) Ethyl methacrylate	9.90	69	12929	0.910	ug/l	96
57) 1,3-Dichloropropane	10.19	76	16778	0.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.15	63	19297	3.764	ug/l	98
59) 2-Hexanone	10.24	43	30986	4.289	ug/l	98
60) Dibromochloromethane	10.39	129	9341	0.866	ug/l	99
61) 1,2-Dibromoethane	10.49	107	10838	1.023	ug/l	96
64) Tetrachloroethene	10.11	164	12145	1.078	ug/l	94
65) Chlorobenzene	10.93	112	28277	1.046	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.01	131	9963	1.000	ug/l #	63
67) Ethyl Benzene	11.01	91	44609	0.959	ug/l	100
68) m/p-Xylenes	11.12	106	31486	1.796	ug/l	94
69) o-Xylene	11.45	106	16535	0.960	ug/l	92
70) Styrene	11.48	104	22085	0.804	ug/l	97
71) Bromoform	11.64	173	6328	0.899	ug/l #	98
73) Isopropylbenzene	11.76	105	41422	1.485	ug/l	100
74) N-amyl acetate	11.58	43	8239	1.007	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.02	83	12982	1.655	ug/l	93
76) 1,2,3-Trichloropropane	12.07	75	6901m	1.065	ug/l	
77) Bromobenzene	12.05	156	9837	1.324	ug/l	91
78) n-propylbenzene	12.11	91	35738	1.249	ug/l	100
79) 2-Chlorotoluene	12.19	91	27011	1.476	ug/l	99
80) 1,3,5-Trimethylbenzene	12.26	105	29490	1.266	ug/l	84
82) 4-Chlorotoluene	12.29	91	21703	1.265	ug/l	96
83) tert-Butylbenzene	12.52	119	31280	1.519	ug/l	97
84) 1,2,4-Trimethylbenzene	12.57	105	29553	1.327	ug/l	95
85) sec-Butylbenzene	12.70	105	34077	1.341	ug/l	95
86) p-Isopropyltoluene	12.82	119	29923	1.332	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	12728	1.110	ug/l	97
88) 1,4-Dichlorobenzene	12.89	146	12389m	1.123	ug/l	
89) n-Butylbenzene	13.15	91	16506	0.961	ug/l	97
90) Hexachloroethane	13.41	117	6100	1.567	ug/l	86
91) 1,2-Dichlorobenzene	13.18	146	14230	1.249	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.80	75	1480	1.328	ug/l	64
93) 1,2,4-Trichlorobenzene	14.45	180	3947	0.771	ug/l	79
94) Hexachlorobutadiene	14.55	225	7115	1.562	ug/l	93
95) Naphthalene	14.66	128	6627	0.636	ug/l #	73
96) 1,2,3-Trichlorobenzene	14.83	180	5282	1.007	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080719\
Data File : VN057112.D
Acq On : 7 Aug 2019 18:26
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
8/8/2019 2:40:15 PM

Quant Time: Aug 08 05:49:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 04:56:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080719\
Data File : VN057112.D
Acq On : 7 Aug 2019 18:26
Operator : JC/SP
Sample : VSTDIC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

MMDadoda
8/8/2019 2:40:15 PM

Quant Time: Aug 08 05:49:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 04:56:32 2019
Response via : Initial Calibration

