

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054157.D
 Acq On : 12 Mar 2019 10:02
 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
 3/13/2019 11:49:00 AM

Quant Time: Mar 13 03:16:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 02:32:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1626986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2332750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1993432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	790871	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	1.85	85	13226	0.858 ug/l	97
3) Chloromethane	2.06	50	15876	1.060 ug/l	98
4) Vinyl Chloride	2.19	62	16627	0.971 ug/l	100
5) Bromomethane	2.57	94	13673	1.153 ug/l	93
6) Chloroethane	2.71	64	11323	1.093 ug/l	95
7) Trichlorofluoromethane	3.02	101	24710	1.086 ug/l	96
8) Diethyl Ether	3.41	74	9674	0.933 ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.75	101	15940	0.935 ug/l #	95
12) 1,1-Dichloroethene	3.73	96	15559	0.921 ug/l	98
14) Allyl chloride	4.31	41	18732	0.864 ug/l #	77
15) Acrylonitrile	5.00	53	20413	4.195 ug/l #	58
16) Acetone	3.83	43	27310	5.520 ug/l #	87
17) Carbon Disulfide	4.04	76	35391	0.835 ug/l #	93
18) Methyl Acetate	4.32	43	7740	0.773 ug/l	94
19) Methyl tert-butyl Ether	5.05	73	36757	0.877 ug/l	98
20) Methylene Chloride	4.55	84	16220	0.998 ug/l #	89
21) trans-1,2-Dichloroethene	5.05	96	15385	0.950 ug/l #	77
22) Diisopropyl ether	5.96	45	38651	0.893 ug/l	96
23) Vinyl Acetate	5.90	43	123919	3.883 ug/l	98
24) 1,1-Dichloroethane	5.85	63	25367	0.913 ug/l	97
25) 2-Butanone	6.86	43	21771	3.749 ug/l	98
26) 2,2-Dichloropropane	6.82	77	22886	0.936 ug/l	92
27) cis-1,2-Dichloroethene	6.82	96	16112	0.892 ug/l	94
28) Bromochloromethane	7.19	49	10854	0.955 ug/l	90
29) Tetrahydrofuran	7.23	42	16257	4.354 ug/l	98
30) Chloroform	7.37	83	26282	0.906 ug/l	96
31) Cyclohexane	7.65	56	45759	0.547 ug/l #	52
32) 1,1,1-Trichloroethane	7.56	97	22678	0.866 ug/l #	50
36) 1,1-Dichloropropene	7.79	75	20710	0.964 ug/l	98
37) Ethyl Acetate	6.93	43	11908m	0.940 ug/l	
38) Carbon Tetrachloride	7.77	117	20642	0.916 ug/l	88
39) Methylcyclohexane	9.08	83	24692	0.934 ug/l	96
40) Benzene	8.04	78	54940	0.894 ug/l	98
41) Methacrylonitrile	7.20	41	7513m	1.108 ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054157.D
 Acq On : 12 Mar 2019 10:02
 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
 3/13/2019 11:49:00 AM

Quant Time: Mar 13 03:16:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 02:32:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.12	62	18992	0.915	ug/l	93
43) Isopropyl Acetate	8.17	43	17906	0.826	ug/l	97
44) Trichloroethene	8.83	130	17667	0.925	ug/l	92
45) 1,2-Dichloropropane	9.12	63	13285	0.870	ug/l	97
46) Dibromomethane	9.20	93	9791	0.949	ug/l	93
47) Bromodichloromethane	9.40	83	17526	0.848	ug/l #	98
48) Methyl methacrylate	9.20	41	9001	0.819	ug/l	93
49) 1,4-Dioxane	9.21	88	2710	17.424	ug/l #	76
51) 4-Methyl-2-Pentanone	9.99	43	46937	4.094	ug/l	96
52) Toluene	10.15	92	35270	0.905	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	15939	2.633	ug/l #	79
54) cis-1,3-Dichloropropene	9.84	75	19629	0.815	ug/l	98
55) 1,1,2-Trichloroethane	10.57	97	12959	0.911	ug/l	97
56) Ethyl methacrylate	10.43	69	13599	0.801	ug/l	99
57) 1,3-Dichloropropane	10.71	76	20414	0.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	24184	19.892	ug/l	94
59) 2-Hexanone	10.75	43	31195	4.089	ug/l	98
60) Dibromochloromethane	10.90	129	12547	0.783	ug/l	99
61) 1,2-Dibromoethane	11.01	107	12124	0.838	ug/l	100
64) Tetrachloroethene	10.63	164	19523	1.013	ug/l	88
65) Chlorobenzene	11.43	112	40848	0.933	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	13161	0.828	ug/l #	64
67) Ethyl Benzene	11.51	91	67868	0.935	ug/l	99
68) m/p-Xylenes	11.62	106	51917	1.831	ug/l	97
69) o-Xylene	11.95	106	24240	0.877	ug/l	96
70) Styrene	11.96	104	36982	0.853	ug/l	98
71) Bromoform	12.13	173	7259	2.921	ug/l #	92
73) Isopropylbenzene	12.25	105	65423	1.034	ug/l	99
74) N-amyI acetate	12.07	43	12642	0.900	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	13429	0.996	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	11944m	1.014	ug/l	
77) Bromobenzene	12.53	156	17201	1.027	ug/l	98
78) n-propylbenzene	12.59	91	67898	0.989	ug/l	99
79) 2-Chlorotoluene	12.67	91	42216	1.023	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	53549	1.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	2817m	3.558	ug/l	
82) 4-Chlorotoluene	12.77	91	41693	1.011	ug/l	98
83) tert-Butylbenzene	12.99	119	51144	1.056	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	49978	0.968	ug/l	99
85) sec-Butylbenzene	13.17	105	63018	1.003	ug/l	98
86) p-Isopropyltoluene	13.29	119	54044	0.981	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	26764	0.949	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	27309m	0.985	ug/l	
89) n-Butylbenzene	13.61	91	34828	0.832	ug/l	97
90) Hexachloroethane	13.88	117	8417	0.922	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	27096	0.982	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	2020	0.968	ug/l	85
93) 1,2,4-Trichlorobenzene	14.91	180	9423	3.054	ug/l	93
94) Hexachlorobutadiene	15.01	225	11432	1.088	ug/l	93
95) Naphthalene	15.14	128	20871	4.030	ug/l #	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054157.D
Acq On : 12 Mar 2019 10:02
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
3/13/2019 11:49:00 AM

Quant Time: Mar 13 03:16:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 02:32:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
96) 1,2,3-Trichlorobenzene	15.32	180	11601	0.792	ug/l #	59
-----	-----	-----	-----	-----	-----	-----

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

