

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050375.D
 Acq On : 6 Aug 2018 11:10
 Operator : MD\SY
 Sample : VSTDICC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 9:57:08 AM

Quant Time: Aug 06 13:41:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 06 12:50:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	605372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	936066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	829895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367027	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	7066	0.81	ug/l	97
3) Chloromethane	2.06	50	12182m	1.29	ug/l	
4) Vinyl Chloride	2.18	62	8989	0.90	ug/l #	88
5) Bromomethane	2.56	94	9253m	1.51	ug/l	
6) Chloroethane	2.70	64	5825	0.97	ug/l	96
7) Trichlorofluoromethane	3.01	101	11614	0.90	ug/l	97
8) Diethyl Ether	3.41	74	4015	0.93	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.76	101	7334	0.95	ug/l #	55
12) 1,1-Dichloroethene	3.74	96	7207	1.03	ug/l	96
14) Allyl chloride	4.32	41	10600	0.98	ug/l	96
15) Acrylonitrile	4.99	53	13113	4.84	ug/l	99
16) Acetone	3.82	43	17251	7.83	ug/l	92
17) Carbon Disulfide	4.05	76	26703	1.25	ug/l	97
18) Methyl Acetate	4.33	43	11898m	1.18	ug/l	
19) Methyl tert-butyl Ether	5.05	73	17342	0.93	ug/l	99
20) Methylene Chloride	4.55	84	15152	1.79	ug/l	92
21) trans-1,2-Dichloroethene	5.05	96	7391	1.00	ug/l #	81
22) Diisopropyl ether	5.95	45	19071	0.89	ug/l #	75
23) Vinyl Acetate	5.90	43	64824	4.28	ug/l	95
24) 1,1-Dichloroethane	5.84	63	13433	0.96	ug/l	98
25) 2-Butanone	6.84	43	18864	5.86	ug/l	92
26) 2,2-Dichloropropane	6.82	77	12051	1.13	ug/l #	69
27) cis-1,2-Dichloroethene	6.82	96	7857	0.99	ug/l	92
28) Bromochloromethane	7.20	49	6513	1.02	ug/l #	99
29) Tetrahydrofuran	7.22	42	10648	5.11	ug/l #	66
30) Chloroform	7.37	83	13097	0.91	ug/l	89
31) Cyclohexane	7.66	56	19807	1.47	ug/l #	27
32) 1,1,1-Trichloroethane	7.57	97	11168	0.91	ug/l #	50
36) 1,1-Dichloropropene	7.79	75	8960	0.85	ug/l	95
37) Ethyl Acetate	6.93	43	6453	0.88	ug/l #	89
38) Carbon Tetrachloride	7.77	117	11409	1.02	ug/l	87
39) Methylcyclohexane	9.08	83	9969	0.92	ug/l	94
40) Benzene	8.04	78	30154	0.94	ug/l	96
41) Methacrylonitrile	7.19	41	3645m	1.06	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050375.D
 Acq On : 6 Aug 2018 11:10
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 9:57:08 AM

Quant Time: Aug 06 13:41:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 06 12:50:03 2018
 Response via : Initial Calibration

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

42) 1,2-Dichloroethane	8.13	62	9910	0.93	ug/l	94
43) Isopropyl Acetate	8.16	43	10920	0.61	ug/l #	79
44) Trichloroethene	8.83	130	8864	1.03	ug/l	84
45) 1,2-Dichloropropane	9.12	63	8006	0.94	ug/l	94
46) Dibromomethane	9.21	93	4866	0.92	ug/l	95
47) Bromodichloromethane	9.40	83	10357	0.93	ug/l	98
48) Methyl methacrylate	9.20	41	5813	0.92	ug/l	90
49) 1,4-Dioxane	9.20	88	2041	23.68	ug/l #	86
51) 4-Methyl-2-Pentanone	9.99	43	37883	5.24	ug/l	95
52) Toluene	10.15	92	15992	0.84	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	8977	0.85	ug/l	92
54) cis-1,3-Dichloropropene	9.84	75	9800	0.82	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	7015	0.93	ug/l	97
56) Ethyl methacrylate	10.43	69	6690	0.75	ug/l	93
57) 1,3-Dichloropropane	10.71	76	11141	0.91	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.69	63	15791	3.82	ug/l	97
59) 2-Hexanone	10.75	43	26652	5.59	ug/l	86
60) Dibromochloromethane	10.90	129	7676	0.92	ug/l	97
61) 1,2-Dibromoethane	11.01	107	6072	0.81	ug/l	88
64) Tetrachloroethene	10.63	164	7891	0.99	ug/l	93
65) Chlorobenzene	11.43	112	22219	1.06	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	7636	0.95	ug/l #	65
67) Ethyl Benzene	11.51	91	29042	0.86	ug/l	99
68) m/p-Xylenes	11.63	106	20575	1.62	ug/l	100
69) o-Xylene	11.95	106	10088	0.83	ug/l	96
70) Styrene	11.97	104	14886	0.78	ug/l	97
71) Bromoform	12.13	173	4834	0.83	ug/l #	97
73) Isopropylbenzene	12.25	105	25639	0.90	ug/l	99
74) N-amyl acetate	12.07	43	8538	0.98	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	8881	1.02	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	7407m	1.09	ug/l	
77) Bromobenzene	12.53	156	7641	0.97	ug/l	91
78) n-propylbenzene	12.59	91	27710	0.87	ug/l	99
79) 2-Chlorotoluene	12.68	91	19213	0.97	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	18502	0.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	1461	0.68	ug/l #	81
82) 4-Chlorotoluene	12.77	91	17553	0.90	ug/l	96
83) tert-Butylbenzene	12.99	119	17856	0.91	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	17808	0.79	ug/l	98
85) sec-Butylbenzene	13.17	105	23745	0.91	ug/l	99
86) p-Isopropyltoluene	13.29	119	18311	0.83	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	13506	1.01	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	14427m	1.11	ug/l	
89) n-Butylbenzene	13.62	91	18879	1.04	ug/l	95
90) Hexachloroethane	13.88	117	4746	0.97	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	14560	1.09	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1654	1.18	ug/l	71
93) 1,2,4-Trichlorobenzene	14.91	180	6821	1.16	ug/l	95
94) Hexachlorobutadiene	15.01	225	9800	2.39	ug/l	95
95) Naphthalene	15.13	128	14079	1.06	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050375.D
Acq On : 6 Aug 2018 11:10
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
8/7/2018 9:57:08 AM

Quant Time: Aug 06 13:41:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 06 12:50:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	7890	1.32	ug/l	99

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

