

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
 Data File : VN049211.D
 Acq On : 13 Jun 2018 20:10
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 6/14/2018 5:07:07 PM

Quant Time: Jun 14 04:55:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	735656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1240178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1054223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304938	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	12004	1.11	ug/l	99
3) Chloromethane	2.06	50	13322	1.20	ug/l #	87
4) Vinyl Chloride	2.18	62	12208	1.10	ug/l	96
5) Bromomethane	2.57	94	10043	1.65	ug/l	93
6) Chloroethane	2.71	64	9023	1.27	ug/l	93
7) Trichlorofluoromethane	3.01	101	17796	1.18	ug/l	88
8) Diethyl Ether	3.40	74	6782	1.28	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	12538	1.36	ug/l #	58
12) 1,1-Dichloroethene	3.73	96	10253	1.21	ug/l	89
14) Allyl chloride	4.33	41	18600	1.15	ug/l	95
15) Acrylonitrile	5.00	53	16529	4.63	ug/l #	80
16) Acetone	3.82	43	18632	6.73	ug/l	99
17) Carbon Disulfide	4.05	76	40757	1.46	ug/l	98
18) Methyl Acetate	4.33	43	25395	2.84	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	25303m	1.01	ug/l	
20) Methylene Chloride	4.55	84	15360	1.49	ug/l	94
21) trans-1,2-Dichloroethene	5.03	96	12410m	1.29	ug/l	
22) Diisopropyl ether	5.96	45	33336	0.97	ug/l #	88
23) Vinyl Acetate	5.90	43	105456	4.50	ug/l	100
24) 1,1-Dichloroethane	5.85	63	23992	1.23	ug/l #	94
25) 2-Butanone	6.84	43	21621	5.15	ug/l #	83
26) 2,2-Dichloropropane	6.83	77	17624	1.14	ug/l #	72
27) cis-1,2-Dichloroethene	6.84	96	11845	1.10	ug/l	99
28) Bromochloromethane	7.19	49	10715	1.26	ug/l #	100
29) Tetrahydrofuran	7.22	42	13686	5.08	ug/l	89
30) Chloroform	7.37	83	22719	1.19	ug/l	100
31) Cyclohexane	7.66	56	32632m	1.81	ug/l	
32) 1,1,1-Trichloroethane	7.57	97	19739	1.21	ug/l #	52
36) 1,1-Dichloropropene	7.79	75	14514	0.94	ug/l	93
37) Ethyl Acetate	6.94	43	8593	0.86	ug/l #	93
38) Carbon Tetrachloride	7.77	117	16560	1.09	ug/l	89
39) Methylcyclohexane	9.08	83	15301	0.94	ug/l	89
40) Benzene	8.04	78	47132	1.01	ug/l	95
41) Methacrylonitrile	7.18	41	4712m	0.86	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
 Data File : VN049211.D
 Acq On : 13 Jun 2018 20:10
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 6/14/2018 5:07:07 PM

Quant Time: Jun 14 04:55:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

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

42) 1,2-Dichloroethane	8.12	62	16260	1.07	ug/l	97
43) Isopropyl Acetate	8.17	43	15794	0.83	ug/l #	87
44) Trichloroethene	8.84	130	13205	1.16	ug/l	87
45) 1,2-Dichloropropane	9.12	63	13390	1.05	ug/l #	88
46) Dibromomethane	9.21	93	7565	1.07	ug/l	98
47) Bromodichloromethane	9.40	83	16588	1.05	ug/l #	98
48) Methyl methacrylate	9.20	41	8170	0.90	ug/l	91
49) 1,4-Dioxane	9.21	88	2456	24.15	ug/l #	72
51) 4-Methyl-2-Pentanone	9.99	43	40891	4.08	ug/l	97
52) Toluene	10.16	92	25258	0.91	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	13410	0.85	ug/l #	79
54) cis-1,3-Dichloropropene	9.84	75	15877	0.87	ug/l	89
55) 1,1,2-Trichloroethane	10.56	97	10230	1.03	ug/l	97
56) Ethyl methacrylate	10.43	69	8868	0.69	ug/l	93
57) 1,3-Dichloropropane	10.71	76	16670	0.96	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	12228	2.87	ug/l	95
59) 2-Hexanone	10.76	43	23985	3.72	ug/l	94
60) Dibromochloromethane	10.90	129	10715	0.97	ug/l	96
61) 1,2-Dibromoethane	11.01	107	9340	1.00	ug/l	96
64) Tetrachloroethene	10.63	164	12119	1.19	ug/l	95
65) Chlorobenzene	11.44	112	28767	1.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	11611	1.15	ug/l #	62
67) Ethyl Benzene	11.51	91	43074	0.89	ug/l	96
68) m/p-Xylenes	11.63	106	27861	1.55	ug/l	98
69) o-Xylene	11.95	106	12861	0.75	ug/l	91
70) Styrene	11.97	104	19256	0.69	ug/l	95
71) Bromoform	12.13	173	6060	0.92	ug/l #	93
73) Isopropylbenzene	12.25	105	34923	1.24	ug/l	100
74) N-amyl acetate	12.08	43	9417	1.12	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.51	83	11175	1.62	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	7663m	1.31	ug/l	
77) Bromobenzene	12.53	156	9975	1.50	ug/l	97
78) n-propylbenzene	12.59	91	34630	1.07	ug/l	96
79) 2-Chlorotoluene	12.68	91	24561	1.25	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	21677	0.96	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.30	75	2193	1.19	ug/l #	83
82) 4-Chlorotoluene	12.78	91	20184	1.05	ug/l	97
83) tert-Butylbenzene	13.00	119	21455	1.13	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	20695	0.91	ug/l	98
85) sec-Butylbenzene	13.17	105	25336	0.98	ug/l	99
86) p-Isopropyltoluene	13.29	119	17825	0.83	ug/l	94
87) 1,3-Dichlorobenzene	13.29	146	12055	1.05	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	12592m	1.14	ug/l	
89) n-Butylbenzene	13.62	91	10036	0.58	ug/l	95
90) Hexachloroethane	13.88	117	6754	1.46	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	12789	1.16	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1222	1.23	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	3803	0.87	ug/l	92
94) Hexachlorobutadiene	15.01	225	4068	1.23	ug/l	98
95) Naphthalene	15.14	128	8647	0.91	ug/l #	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
Data File : VN049211.D
Acq On : 13 Jun 2018 20:10
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

apatel
6/14/2018 5:07:07 PM

Quant Time: Jun 14 04:55:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 04:25:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	5114	1.15	ug/l	95

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

