

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\
 Data File : VX003360.D
 Acq On : 13 Jul 2018 11:33
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:24:36 AM

Quant Time: Jul 13 14:44:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 13:52:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202793	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	1.20	85	3046	0.75	ug/l	98
3) Chloromethane	1.32	50	4251	1.14	ug/l	96
4) Vinyl Chloride	1.40	62	4052	1.06	ug/l	95
5) Bromomethane	1.64	94	3599	2.39	ug/l	97
6) Chloroethane	1.73	64	2772	1.31	ug/l	93
7) Trichlorofluoromethane	1.93	101	5800	1.02	ug/l	97
8) Diethyl Ether	2.19	74	2522	1.23	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3783	1.14	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3624	1.20	ug/l	85
14) Allyl chloride	2.73	41	6732	1.20	ug/l	88
15) Acrylonitrile	3.15	53	11349	6.63	ug/l	99
16) Acetone	2.45	43	8812	5.87	ug/l #	85
17) Carbon Disulfide	2.57	76	9084	1.08	ug/l	96
18) Methyl Acetate	2.78	43	5154	1.22	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	11795	1.17	ug/l	98
20) Methylene Chloride	2.86	84	4862	1.43	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	3676	1.14	ug/l	91
22) Diisopropyl ether	3.87	45	12801	1.12	ug/l	96
23) Vinyl Acetate	3.82	43	50335	5.21	ug/l	98
24) 1,1-Dichloroethane	3.70	63	6966	1.18	ug/l #	91
25) 2-Butanone	4.71	43	13253	4.99	ug/l	95
26) 2,2-Dichloropropane	4.58	77	4832	0.93	ug/l	84
27) cis-1,2-Dichloroethene	4.59	96	3756	0.95	ug/l #	1
28) Bromochloromethane	5.01	49	2911	0.98	ug/l #	88
29) Tetrahydrofuran	5.17	42	8271	4.80	ug/l	95
30) Chloroform	5.21	83	6372	0.98	ug/l	98
31) Cyclohexane	5.57	56	4846	0.87	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	5193	0.90	ug/l #	52
36) 1,1-Dichloropropene	5.79	75	4396	0.82	ug/l	96
37) Ethyl Acetate	4.87	43	5037	0.86	ug/l #	79
38) Carbon Tetrachloride	5.78	117	4331	0.74	ug/l	97
39) Methylcyclohexane	7.46	83	4589	0.73	ug/l	96
40) Benzene	6.15	78	13993	0.88	ug/l	96
41) Methacrylonitrile	5.06	41	2761	0.86	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\
 Data File : VX003360.D
 Acq On : 13 Jul 2018 11:33
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:24:36 AM

Quant Time: Jul 13 14:44:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 13:52:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5076	0.86	ug/l	98
43) Isopropyl Acetate	6.48	43	7258	0.79	ug/l	94
44) Trichloroethene	7.21	130	3975	0.85	ug/l	86
45) 1,2-Dichloropropane	7.52	63	3483	0.85	ug/l	97
46) Dibromomethane	7.67	93	2238	0.80	ug/l	96
47) Bromodichloromethane	7.90	83	4051	0.78	ug/l	95
48) Methyl methacrylate	7.79	41	3659	0.77	ug/l	93
49) 1,4-Dioxane	7.76	88	1490	15.09	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	21949	3.83	ug/l	97
52) Toluene	8.79	92	8462	0.84	ug/l	93
53) t-1,3-Dichloropropene	8.44	75	4303	0.71	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	3860	0.70	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	3451	0.83	ug/l	93
56) Ethyl methacrylate	9.18	69	4197	0.74	ug/l	92
57) 1,3-Dichloropropane	9.37	76	5594	0.84	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	9637	3.51	ug/l	98
59) 2-Hexanone	9.50	43	15049	3.46	ug/l	98
60) Dibromochloromethane	9.59	129	2875	0.66	ug/l	99
61) 1,2-Dibromoethane	9.68	107	3334	0.77	ug/l	97
64) Tetrachloroethene	9.34	164	4252	0.80	ug/l	95
65) Chlorobenzene	10.14	112	9756	0.82	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	3086	0.72	ug/l #	66
67) Ethyl Benzene	10.26	91	14299	0.74	ug/l	95
68) m/p-Xylenes	10.36	106	10576	1.41	ug/l	100
69) o-Xylene	10.70	106	4966	0.69	ug/l	92
70) Styrene	10.71	104	8282	0.70	ug/l	95
71) Bromoform	10.86	173	2022	0.57	ug/l #	95
73) Isopropylbenzene	11.02	105	13229	0.83	ug/l	100
74) N-amyl acetate	6.48	43	7258	0.95	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	4624	0.93	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	4202m	0.96	ug/l	
77) Bromobenzene	11.26	156	4032	0.87	ug/l	99
78) n-propylbenzene	11.36	91	14879	0.84	ug/l	97
79) 2-Chlorotoluene	11.42	91	10174	0.94	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	10380	0.78	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	999	0.74	ug/l	90
82) 4-Chlorotoluene	11.51	91	11183	0.88	ug/l	99
83) tert-Butylbenzene	11.77	119	10871	0.82	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	10150	0.74	ug/l	95
85) sec-Butylbenzene	11.95	105	12665	0.80	ug/l	100
86) p-Isopropyltoluene	12.07	119	11085	0.77	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	8174	0.96	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	8361m	0.97	ug/l	
89) n-Butylbenzene	12.39	91	9861	0.82	ug/l	100
90) Hexachloroethane	12.60	117	1808	0.83	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	7993	0.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	894	0.84	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	4963	0.80	ug/l	99
94) Hexachlorobutadiene	13.79	225	2511	0.81	ug/l	96
95) Naphthalene	13.83	128	11760	0.73	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
Data File : VX003360.D
Acq On : 13 Jul 2018 11:33
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
7/16/2018 11:24:36 AM

Quant Time: Jul 13 14:44:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 13:52:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4849	0.78	ug/l	99

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

