

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\
 Data File : VX003362.D
 Acq On : 13 Jul 2018 12:26
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:24:40 AM

Quant Time: Jul 13 14:45:34 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	269478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	62858	14.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.64%	
35) Dibromofluoromethane	5.51	113	54197	13.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	26.06%	
50) Toluene-d8	8.72	98	188851	12.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.56%	
62) 4-Bromofluorobenzene	11.14	95	73233	13.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	26.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46064	11.24	ug/l	98
3) Chloromethane	1.32	50	59611	16.00	ug/l	100
4) Vinyl Chloride	1.40	62	69494	18.18	ug/l	99
5) Bromomethane	1.64	94	35053	23.18	ug/l	100
6) Chloroethane	1.72	64	45631	21.54	ug/l	98
7) Trichlorofluoromethane	1.93	101	101483	17.86	ug/l	98
8) Diethyl Ether	2.19	74	44906	21.86	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64438	19.37	ug/l	97
10) Methyl Iodide	2.51	142	57732	17.50	ug/l	94
11) Tert butyl alcohol	3.08	59	86906	113.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	59231	19.56	ug/l	92
13) Acrolein	2.29	56	29046	46.88	ug/l	100
14) Allyl chloride	2.73	41	116174	20.71	ug/l	88
15) Acrylonitrile	3.15	53	200098	116.55	ug/l	98
16) Acetone	2.45	43	157351	104.51	ug/l	# 88
17) Carbon Disulfide	2.57	76	139044	16.52	ug/l	99
18) Methyl Acetate	2.78	43	100509	23.66	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	220209	21.77	ug/l	99
20) Methylene Chloride	2.86	84	71247	20.94	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	63620	19.71	ug/l	96
22) Diisopropyl ether	3.87	45	209304	18.34	ug/l	98
23) Vinyl Acetate	3.82	43	855746	88.33	ug/l	97
24) 1,1-Dichloroethane	3.70	63	119615	20.14	ug/l	99
25) 2-Butanone	4.71	43	232495	87.27	ug/l	95
26) 2,2-Dichloropropane	4.59	77	82260	15.83	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	66904	16.86	ug/l	97
28) Bromochloromethane	5.02	49	57466	19.20	ug/l	93
29) Tetrahydrofuran	5.17	42	148210	85.71	ug/l	93
30) Chloroform	5.22	83	114506	17.53	ug/l	99
31) Cyclohexane	5.57	56	88004	15.82	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	94237	16.35	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79357	14.48	ug/l	99
37) Ethyl Acetate	4.87	43	88338	14.70	ug/l	96
38) Carbon Tetrachloride	5.78	117	81805	13.64	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\
 Data File : VX003362.D
 Acq On : 13 Jul 2018 12:26
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:24:40 AM

Quant Time: Jul 13 14:45:34 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)
39) Methylcyclohexane	7.46	83	90343	13.99	ug/l	96
40) Benzene	6.15	78	252239	15.53	ug/l	98
41) Methacrylonitrile	5.07	41	50699	15.41	ug/l	94
42) 1,2-Dichloroethane	6.20	62	90503	14.91	ug/l	97
43) Isopropyl Acetate	6.47	43	138254	14.65	ug/l	95
44) Trichloroethene	7.21	130	69584	14.49	ug/l	96
45) 1,2-Dichloropropane	7.52	63	69316	16.41	ug/l	99
46) Dibromomethane	7.67	93	44654	15.51	ug/l	98
47) Bromodichloromethane	7.90	83	83170	15.66	ug/l	99
48) Methyl methacrylate	7.78	41	71970	14.87	ug/l	87
49) 1,4-Dioxane	7.76	88	33491	330.98	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	469512	79.93	ug/l	93
52) Toluene	8.79	92	159546	15.54	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95285	15.25	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	85456	15.02	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	67726	15.90	ug/l	98
56) Ethyl methacrylate	9.18	69	94427	16.18	ug/l #	88
57) 1,3-Dichloropropane	9.38	76	111089	16.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	244082	86.73	ug/l	98
59) 2-Hexanone	9.50	43	361395	81.00	ug/l	92
60) Dibromochloromethane	9.59	129	67798	15.24	ug/l	99
61) 1,2-Dibromoethane	9.68	107	70865	15.87	ug/l	99
64) Tetrachloroethene	9.34	164	79785	14.10	ug/l	98
65) Chlorobenzene	10.14	112	185407	14.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	66152	14.41	ug/l	99
67) Ethyl Benzene	10.26	91	301988	14.68	ug/l	99
68) m/p-Xylenes	10.36	106	235435	29.42	ug/l	97
69) o-Xylene	10.70	106	112777	14.55	ug/l	98
70) Styrene	10.71	104	190267	15.14	ug/l	98
71) Bromoform	10.86	173	48489	12.84	ug/l #	98
73) Isopropylbenzene	11.02	105	303405	17.16	ug/l	100
74) N-amyl acetate	6.47	43	138254	16.39	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	99670	18.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88084m	18.20	ug/l	
77) Bromobenzene	11.26	156	83818	16.42	ug/l	99
78) n-propylbenzene	11.37	91	342369	17.41	ug/l	100
79) 2-Chlorotoluene	11.42	91	207891	17.36	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	251333	17.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24952	16.85	ug/l	100
82) 4-Chlorotoluene	11.51	91	243157	17.39	ug/l	99
83) tert-Butylbenzene	11.77	119	250026	17.00	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	266465	17.67	ug/l	98
85) sec-Butylbenzene	11.95	105	300218	17.27	ug/l	100
86) p-Isopropyltoluene	12.07	119	271353	17.13	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	157473	16.81	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	158214	16.69	ug/l	99
89) n-Butylbenzene	12.39	91	219630	16.60	ug/l	99
90) Hexachloroethane	12.60	117	37019	15.31	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	159854	17.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19519	16.59	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071318\
Data File : VX003362.D
Acq On : 13 Jul 2018 12:26
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
7/16/2018 11:24:40 AM

Quant Time: Jul 13 14:45:34 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	107795	15.75	ug/l	99
94) Hexachlorobutadiene	13.79	225	49307	14.47	ug/l	99
95) Naphthalene	13.84	128	318045	17.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111976	16.40	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003362.D
 Acq On : 13 Jul 2018 12:26
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:24:40 AM

Quant Time: Jul 13 14:45:34 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 13:52:01 2018
 Response via : Initial Calibration

