

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010847.D
 Acq On : 12 Jul 2019 19:33
 Operator : JC/SP
 Sample : K3786-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0583MS

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 11:01:02 AM

Quant Time: Jul 13 04:47:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	240643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178896	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	97357	43.15	ug/l	0.00
Spiked Amount			Recovery	=	86.30%	
35) Dibromofluoromethane	5.50	113	91584	40.95	ug/l	0.00
Spiked Amount			Recovery	=	81.90%	
50) Toluene-d8	8.71	98	334770	39.13	ug/l	0.00
Spiked Amount			Recovery	=	78.26%	
62) 4-Bromofluorobenzene	11.13	95	127207	41.18	ug/l	0.00
Spiked Amount			Recovery	=	82.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	80225	47.952	ug/l	99
3) Chloromethane	1.32	50	83770	43.000	ug/l	99
4) Vinyl Chloride	1.41	62	92240	43.228	ug/l	100
5) Bromomethane	1.64	94	39210	37.719	ug/l	100
6) Chloroethane	1.72	64	63666	50.573	ug/l	96
7) Trichlorofluoromethane	1.93	101	160052	47.317	ug/l	98
8) Diethyl Ether	2.19	74	57233	47.182	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	89950	43.881	ug/l	99
10) Methyl Iodide	2.51	142	86700	29.637	ug/l	97
11) Tert butyl alcohol	3.05	59	107213	181.596	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90257	43.271	ug/l	94
13) Acrolein	2.29	56	89885	229.503	ug/l	99
14) Allyl chloride	2.73	41	129734	43.810	ug/l	96
15) Acrylonitrile	3.14	53	264082	225.922	ug/l	99
16) Acetone	2.45	43	215749	190.798	ug/l	97
17) Carbon Disulfide	2.57	76	214293	38.294	ug/l	99
18) Methyl Acetate	2.78	43	91271	40.498	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	299461	45.637	ug/l	98
20) Methylene Chloride	2.85	84	102793	44.173	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	96566	43.046	ug/l	98
22) Diisopropyl ether	3.85	45	286105	46.210	ug/l	94
23) Vinyl Acetate	3.81	43	1102815	206.184	ug/l	98
24) 1,1-Dichloroethane	3.70	63	162408	45.380	ug/l	99
25) 2-Butanone	4.67	43	355573	214.368	ug/l	97
26) 2,2-Dichloropropane	4.59	77	105380	33.896	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	112659	43.458	ug/l	99
28) Bromochloromethane	5.01	49	70896	41.433	ug/l	93
29) Tetrahydrofuran	5.13	42	232665	226.458	ug/l	98
30) Chloroform	5.21	83	175351	45.538	ug/l	98
31) Cyclohexane	5.57	56	147216	45.172	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	151164	44.459	ug/l	100
36) 1,1-Dichloropropene	5.80	75	124829	42.977	ug/l	99
37) Ethyl Acetate	4.84	43	121787	40.758	ug/l	99
38) Carbon Tetrachloride	5.78	117	132152	42.017	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010847.D
 Acq On : 12 Jul 2019 19:33
 Operator : JC/SP
 Sample : K3786-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0583MS

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 11:01:02 AM

Quant Time: Jul 13 04:47:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158457	41.504	ug/l	99
40) Benzene	6.14	78	396829	43.854	ug/l	98
41) Methacrylonitrile	5.04	41	74633	45.522	ug/l	98
42) 1,2-Dichloroethane	6.19	62	132086	47.953	ug/l	98
43) Isopropyl Acetate	6.45	43	206279	41.726	ug/l	98
44) Trichloroethene	7.21	130	112048	41.381	ug/l	99
45) 1,2-Dichloropropane	7.51	63	100195	43.847	ug/l	98
46) Dibromomethane	7.66	93	72246	44.066	ug/l	96
47) Bromodichloromethane	7.90	83	129783	43.195	ug/l	98
48) Methyl methacrylate	7.77	41	106355	46.284	ug/l	97
49) 1,4-Dioxane	7.74	88	50268	759.377	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	731180	231.255	ug/l	98
52) Toluene	8.78	92	256874	43.106	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135517	40.230	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	149189	40.754	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	111017	45.172	ug/l	98
56) Ethyl methacrylate	9.18	69	164878	44.286	ug/l	95
57) 1,3-Dichloropropane	9.37	76	168909	44.275	ug/l	100
59) 2-Hexanone	9.49	43	565889	227.407	ug/l	98
60) Dibromochloromethane	9.58	129	114246	41.518	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117093	44.140	ug/l	99
64) Tetrachloroethene	9.34	164	102471	37.595	ug/l	100
65) Chlorobenzene	10.13	112	289039	42.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	107495	43.135	ug/l	99
67) Ethyl Benzene	10.25	91	958254	82.965	ug/l	98
68) m/p-Xylenes	10.36	106	495306	110.674	ug/l	99
69) o-Xylene	10.69	106	193907	44.059	ug/l	99
70) Stvrene	10.71	104	330576	44.788	ug/l	98
71) Bromoform	10.85	173	86832	40.067	ug/l #	100
73) Isopropylbenzene	11.02	105	548683	45.245	ug/l	98
74) N-amyl acetate	10.90	43	185155	40.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	173216	43.130	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	138908m	42.610	ug/l	
77) Bromobenzene	11.26	156	136985	40.454	ug/l	97
78) n-propylbenzene	11.36	91	602664	45.218	ug/l	98
79) 2-Chlorotoluene	11.42	91	337106	42.475	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	433839	43.396	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43409	31.064	ug/l	89
82) 4-Chlorotoluene	11.51	91	394576	43.692	ug/l	99
83) tert-Butylbenzene	11.77	119	438446	43.696	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	674994	67.203	ug/l	99
85) sec-Butylbenzene	11.94	105	506783	43.016	ug/l	99
86) p-Isopropyltoluene	12.06	119	470037	43.133	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	244844	41.423	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	246345	40.938	ug/l	99
89) n-Butylbenzene	12.38	91	403770	43.603	ug/l	100
90) Hexachloroethane	12.59	117	73727	39.127	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	243984	41.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35419	40.905	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	166809	40.945	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010847.D
Acq On : 12 Jul 2019 19:33
Operator : JC/SP
Sample : K3786-03MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0583MS

Manual Integrations
APPROVED

MMDadoda
7/15/2019 11:01:02 AM

Quant Time: Jul 13 04:47:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	82021	41.194	ug/l	99
95) Naphthalene	13.83	128	624751	49.902	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	168290	41.548	ug/l	98

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

