

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053019\
 Data File : VX009971.D
 Acq On : 30 May 2019 19:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/31/2019 9:30:42 AM

Quant Time: May 31 07:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	259312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112356	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.50	113	80055	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.71	98	329889	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	118686	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108595	55.192	ug/l	99
3) Chloromethane	1.32	50	124343	47.008	ug/l	99
4) Vinyl Chloride	1.41	62	116915	49.031	ug/l	99
5) Bromomethane	1.64	94	49302	34.126	ug/l	100
6) Chloroethane	1.71	64	68623	46.750	ug/l	99
7) Trichlorofluoromethane	1.92	101	129148	49.013	ug/l	96
8) Diethyl Ether	2.19	74	54675	44.155	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76596	48.148	ug/l	99
10) Methyl Iodide	2.51	142	58924	31.783	ug/l	99
11) Tert butyl alcohol	3.06	59	139247	248.768	ug/l	100
12) 1,1-Dichloroethene	2.37	96	76873	47.143	ug/l	97
13) Acrolein	2.29	56	78590	202.458	ug/l	99
14) Allyl chloride	2.73	41	195835	49.412	ug/l	99
15) Acrylonitrile	3.14	53	335082	248.449	ug/l	99
16) Acetone	2.45	43	301305	229.279	ug/l	99
17) Carbon Disulfide	2.57	76	232622	47.135	ug/l	100
18) Methyl Acetate	2.78	43	154000	50.363	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	302646	49.160	ug/l	99
20) Methylene Chloride	2.85	84	95647	47.528	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	84211	46.413	ug/l	99
22) Diisopropyl ether	3.86	45	381781	50.628	ug/l	# 86
23) Vinyl Acetate	3.82	43	1713587	252.951	ug/l	100
24) 1,1-Dichloroethane	3.70	63	181323	49.617	ug/l	99
25) 2-Butanone	4.68	43	511936	250.041	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120903	43.735	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	97947	46.766	ug/l	99
28) Bromochloromethane	5.02	49	92227	48.632	ug/l	99
29) Tetrahydrofuran	5.13	42	332276	253.081	ug/l	99
30) Chloroform	5.21	83	161913	49.127	ug/l	97
31) Cyclohexane	5.58	56	174674	50.465	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	134120	49.968	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125545	47.717	ug/l	99
37) Ethyl Acetate	4.84	43	186862	50.972	ug/l	100
38) Carbon Tetrachloride	5.79	117	112236	49.366	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053019\
 Data File : VX009971.D
 Acq On : 30 May 2019 19:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/31/2019 9:30:42 AM

Quant Time: May 31 07:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155175	49.722	ug/l	99
40) Benzene	6.15	78	382646	49.027	ug/l	100
41) Methacrylonitrile	5.04	41	106798	49.855	ug/l	99
42) 1,2-Dichloroethane	6.20	62	142562	49.408	ug/l	99
43) Isopropyl Acetate	6.45	43	299157	50.574	ug/l	100
44) Trichloroethene	7.21	130	88862	46.873	ug/l	99
45) 1,2-Dichloropropane	7.51	63	108675	48.370	ug/l	99
46) Dibromomethane	7.66	93	62812	47.495	ug/l	99
47) Bromodichloromethane	7.90	83	127441	50.675	ug/l	100
48) Methyl methacrylate	7.77	41	151000	51.567	ug/l	99
49) 1,4-Dioxane	7.74	88	53188	976.494	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	986777	256.443	ug/l	99
52) Toluene	8.79	92	233625	49.301	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	146066	48.429	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	159796	48.627	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	94152	49.364	ug/l	99
56) Ethyl methacrylate	9.18	69	173683	51.150	ug/l	99
57) 1,3-Dichloropropane	9.37	76	167254	48.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	445640	250.281	ug/l	100
59) 2-Hexanone	9.49	43	760347	256.653	ug/l	99
60) Dibromochloromethane	9.58	129	95459	50.879	ug/l	100
61) 1,2-Dibromoethane	9.67	107	96592	49.295	ug/l	100
64) Tetrachloroethene	9.34	164	82344	50.058	ug/l	98
65) Chlorobenzene	10.14	112	240069	48.693	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	86413	50.534	ug/l	99
67) Ethyl Benzene	10.25	91	445353	50.309	ug/l	100
68) m/p-Xylenes	10.36	106	322591	98.641	ug/l	99
69) o-Xylene	10.70	106	157452	50.201	ug/l	99
70) Styrene	10.71	104	275973	50.179	ug/l	100
71) Bromoform	10.85	173	72690	52.004	ug/l	100
73) Isopropylbenzene	11.02	105	422862	50.010	ug/l	99
74) N-amyl acetate	10.90	43	254389	50.347	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	155320	49.237	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	135275m	49.362	ug/l	
77) Bromobenzene	11.26	156	104646	48.563	ug/l	98
78) n-propylbenzene	11.36	91	493068	50.590	ug/l	100
79) 2-Chlorotoluene	11.42	91	291719	48.989	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	358499	50.326	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52416	47.322	ug/l	96
82) 4-Chlorotoluene	11.51	91	339285	48.945	ug/l	100
83) tert-Butylbenzene	11.77	119	338255	49.633	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	358735	49.588	ug/l	99
85) sec-Butylbenzene	11.94	105	407350	50.242	ug/l	100
86) p-Isopropyltoluene	12.06	119	372831	51.124	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183394	47.804	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184143	47.065	ug/l	99
89) n-Butylbenzene	12.38	91	345161	50.362	ug/l	100
90) Hexachloroethane	12.60	117	63288	50.569	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	182957	48.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35210	47.419	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
Data File : VX009971.D
Acq On : 30 May 2019 19:22
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/31/2019 9:30:42 AM

Quant Time: May 31 07:22:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129639	47.962	ug/l	98
94) Hexachlorobutadiene	13.78	225	66788	49.263	ug/l	99
95) Naphthalene	13.83	128	416080	49.466	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128749	47.586	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX053019\
Data File : VX009971.D
Acq On : 30 May 2019 19:22
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/31/2019 9:30:42 AM

Quant Time: May 31 07:22:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

