

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011159.D
 Acq On : 29 Jul 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:09:21 AM

Quant Time: Jul 30 06:42:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99538	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	5.49	113	89348	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	8.71	98	330474	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	127316	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	86469	44.023	ug/l 96
3) Chloromethane	1.32	50	77337	45.587	ug/l 100
4) Vinyl Chloride	1.41	62	82884	47.899	ug/l 99
5) Bromomethane	1.64	94	46277	47.458	ug/l 99
6) Chloroethane	1.71	64	54593	49.646	ug/l 95
7) Trichlorofluoromethane	1.92	101	150356	51.331	ug/l 98
8) Diethyl Ether	2.19	74	50149	49.691	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81064	48.470	ug/l 98
10) Methyl Iodide	2.51	142	75359	34.336	ug/l 100
11) Tert butyl alcohol	3.06	59	105801	231.478	ug/l 100
12) 1,1-Dichloroethene	2.37	96	78287	47.643	ug/l 98
13) Acrolein	2.29	56	51407	194.666	ug/l 99
14) Allyl chloride	2.73	41	118551	49.669	ug/l 99
15) Acrylonitrile	3.14	53	237978	257.665	ug/l 100
16) Acetone	2.45	43	198318	223.734	ug/l 97
17) Carbon Disulfide	2.57	76	176651	41.909	ug/l 100
18) Methyl Acetate	2.78	43	118275	58.600	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	275006	51.988	ug/l 100
20) Methylene Chloride	2.85	84	91641	48.785	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	83993	48.174	ug/l 96
22) Diisopropyl ether	3.85	45	262940	52.233	ug/l 99
23) Vinyl Acetate	3.81	43	1089609	255.462	ug/l 99
24) 1,1-Dichloroethane	3.70	63	147033	50.294	ug/l 99
25) 2-Butanone	4.67	43	328497	258.168	ug/l 98
26) 2,2-Dichloropropane	4.59	77	108743	45.301	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	99158	49.141	ug/l 99
28) Bromochloromethane	5.01	49	69106	50.162	ug/l 99
29) Tetrahydrofuran	5.13	42	212336	263.445	ug/l 99
30) Chloroform	5.21	83	162896	51.550	ug/l 98
31) Cyclohexane	5.58	56	122966	46.146	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	143619	52.533	ug/l 100
36) 1,1-Dichloropropene	5.80	75	112379	50.076	ug/l 99
37) Ethyl Acetate	4.84	43	122437	53.280	ug/l 100
38) Carbon Tetrachloride	5.78	117	123290	52.721	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011159.D
 Acq On : 29 Jul 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:09:21 AM

Quant Time: Jul 30 06:42:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134203	46.113	ug/l	98
40) Benzene	6.14	78	346112	50.348	ug/l	100
41) Methacrylonitrile	5.04	41	69247	53.083	ug/l	96
42) 1,2-Dichloroethane	6.19	62	126216	52.805	ug/l	99
43) Isopropyl Acetate	6.45	43	196853	52.097	ug/l	99
44) Trichloroethene	7.21	130	100235	49.259	ug/l	98
45) 1,2-Dichloropropane	7.51	63	89800	51.324	ug/l	100
46) Dibromomethane	7.66	93	65926	52.730	ug/l	99
47) Bromodichloromethane	7.90	83	122377	54.987	ug/l	100
48) Methyl methacrylate	7.77	41	98509	53.516	ug/l	97
49) 1,4-Dioxane	7.74	88	48759	946.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	677575	276.627	ug/l	99
52) Toluene	8.78	92	229416	50.801	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	129550	54.136	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	140213	52.656	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98952	53.216	ug/l	100
56) Ethyl methacrylate	9.18	69	149693	55.036	ug/l	98
57) 1,3-Dichloropropane	9.37	76	154334	52.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	350119	269.657	ug/l	100
59) 2-Hexanone	9.49	43	523533	275.571	ug/l	99
60) Dibromochloromethane	9.58	129	109057	50.913	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106429	53.933	ug/l	100
64) Tetrachloroethene	9.34	164	95694	47.413	ug/l	95
65) Chlorobenzene	10.13	112	263752	50.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98911	53.408	ug/l	98
67) Ethyl Benzene	10.25	91	457066	50.958	ug/l	99
68) m/p-Xylenes	10.36	106	350386	101.839	ug/l	99
69) o-Xylene	10.69	106	172710	51.435	ug/l	99
70) Styrene	10.71	104	301012	53.776	ug/l	99
71) Bromoform	10.85	173	83297	49.428	ug/l #	98
73) Isopropylbenzene	11.02	105	463355	50.145	ug/l	100
74) N-amyl acetate	10.90	43	179861	50.943	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	158066	52.271	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	129782m	52.591	ug/l	
77) Bromobenzene	11.26	156	128472	50.405	ug/l	99
78) n-propylbenzene	11.36	91	519605	50.893	ug/l	100
79) 2-Chlorotoluene	11.42	91	311349	50.764	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	391496	50.704	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44171	45.719	ug/l	97
82) 4-Chlorotoluene	11.51	91	366206	51.300	ug/l	98
83) tert-Butylbenzene	11.77	119	393719	51.913	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	397709	51.105	ug/l	100
85) sec-Butylbenzene	11.94	105	461812	51.967	ug/l	100
86) p-Isopropyltoluene	12.06	119	431386	52.508	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	223433	50.514	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	224650	49.521	ug/l	99
89) n-Butylbenzene	12.38	91	363489	51.715	ug/l	99
90) Hexachloroethane	12.59	117	66104	51.013	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	224099	51.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34846	55.127	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011159.D
Acq On : 29 Jul 2019 20:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/30/2019 11:09:21 AM

Quant Time: Jul 30 06:42:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154318	51.943	ug/l	98
94) Hexachlorobutadiene	13.78	225	74542	50.632	ug/l	99
95) Naphthalene	13.83	128	488621	55.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158592	53.650	ug/l	100

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

