

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011522.D
 Acq On : 13 Aug 2019 07:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:12:20 AM

Quant Time: Aug 13 09:48:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	236605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	93325	60.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.06%	
35) Dibromofluoromethane	5.49	113	81081	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	8.71	98	297635	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.13	95	112761	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	53378	45.140	ug/l	98
3) Chloromethane	1.32	50	57424	43.244	ug/l	98
4) Vinyl Chloride	1.40	62	62301	42.652	ug/l	98
5) Bromomethane	1.63	94	43416	41.676	ug/l	98
6) Chloroethane	1.71	64	42497	46.828	ug/l	97
7) Trichlorofluoromethane	1.92	101	114342	44.025	ug/l	100
8) Diethyl Ether	2.18	74	40409	43.573	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63977	45.526	ug/l	98
10) Methyl Iodide	2.50	142	82805	46.737	ug/l	97
11) Tert butyl alcohol	3.04	59	82984	269.901	ug/l	100
12) 1,1-Dichloroethene	2.36	96	64095	46.011	ug/l	86
13) Acrolein	2.29	56	40732	213.113	ug/l	97
14) Allyl chloride	2.72	41	94208	50.729	ug/l	96
15) Acrylonitrile	3.14	53	197389	269.032	ug/l	98
16) Acetone	2.43	43	175916	239.702	ug/l	93
17) Carbon Disulfide	2.56	76	134763	41.225	ug/l	100
18) Methyl Acetate	2.77	43	97003	57.838	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	225655	54.969	ug/l	99
20) Methylene Chloride	2.85	84	75587	47.028	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	68260	46.323	ug/l	94
22) Diisopropyl ether	3.85	45	214632	52.586	ug/l	98
23) Vinyl Acetate	3.81	43	919916	271.741	ug/l	98
24) 1,1-Dichloroethane	3.69	63	125357	52.086	ug/l	99
25) 2-Butanone	4.67	43	278184	266.468	ug/l	97
26) 2,2-Dichloropropane	4.57	77	57612	30.794	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	83303	49.080	ug/l	98
28) Bromochloromethane	5.01	49	60395	55.045	ug/l	96
29) Tetrahydrofuran	5.12	42	173080	270.392	ug/l	99
30) Chloroform	5.20	83	139402	53.293	ug/l	96
31) Cyclohexane	5.57	56	93061	46.868	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	120965	53.983	ug/l	98
36) 1,1-Dichloropropene	5.79	75	93347	45.187	ug/l	98
37) Ethyl Acetate	4.82	43	103344	49.873	ug/l	100
38) Carbon Tetrachloride	5.78	117	105519	50.771	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011522.D
 Acq On : 13 Aug 2019 07:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:12:20 AM

Quant Time: Aug 13 09:48:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97972	40.011	ug/l	98
40) Benzene	6.13	78	296193	48.049	ug/l	98
41) Methacrylonitrile	5.04	41	59802	52.845	ug/l	97
42) 1,2-Dichloroethane	6.19	62	112894	54.159	ug/l	97
43) Isopropyl Acetate	6.44	43	168658	50.910	ug/l	99
44) Trichloroethene	7.21	130	83905	44.968	ug/l	93
45) 1,2-Dichloropropane	7.51	63	74798	46.852	ug/l	95
46) Dibromomethane	7.66	93	55584	47.693	ug/l	97
47) Bromodichloromethane	7.90	83	104072	52.742	ug/l	97
48) Methyl methacrylate	7.76	41	84305	54.074	ug/l	96
49) 1,4-Dioxane	7.74	88	41250	912.630	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	569232	266.245	ug/l	99
52) Toluene	8.78	92	195155	47.882	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	99265	43.583	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	108966	47.275	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	83418	49.779	ug/l	99
56) Ethyl methacrylate	9.18	69	124315	52.057	ug/l	96
57) 1,3-Dichloropropane	9.37	76	131773	49.722	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	297786	253.610	ug/l	99
59) 2-Hexanone	9.49	43	435318	262.871	ug/l	99
60) Dibromochloromethane	9.58	129	90534	52.769	ug/l	98
61) 1,2-Dibromoethane	9.67	107	88382	48.816	ug/l	100
64) Tetrachloroethene	9.34	164	85775	45.632	ug/l	97
65) Chlorobenzene	10.13	112	219072	46.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83835	51.598	ug/l	99
67) Ethyl Benzene	10.25	91	385072	48.448	ug/l	98
68) m/p-Xylenes	10.35	106	288712	93.911	ug/l	95
69) o-Xylene	10.69	106	142344	47.124	ug/l	96
70) Styrene	10.71	104	247818	49.583	ug/l	98
71) Bromoform	10.85	173	66952	46.309	ug/l #	99
73) Isopropylbenzene	11.02	105	389990	48.976	ug/l	99
74) N-amyl acetate	10.90	43	151789	52.755	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	129185	48.683	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	109673m	51.725	ug/l	
77) Bromobenzene	11.26	156	105924	47.972	ug/l	96
78) n-propylbenzene	11.36	91	422591	47.722	ug/l	99
79) 2-Chlorotoluene	11.42	91	258459	48.969	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	324166	48.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29844	38.709	ug/l	93
82) 4-Chlorotoluene	11.51	91	298304	48.496	ug/l	98
83) tert-Butylbenzene	11.77	119	319056	48.803	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	326298	49.166	ug/l	100
85) sec-Butylbenzene	11.94	105	373063	47.496	ug/l	100
86) p-Isopropyltoluene	12.06	119	344121	47.622	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180382	46.235	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	180825	44.948	ug/l	97
89) n-Butylbenzene	12.38	91	278898	44.800	ug/l	100
90) Hexachloroethane	12.59	117	52719	49.348	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	184004	46.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28012	54.486	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
Data File : VX011522.D
Acq On : 13 Aug 2019 07:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/14/2019 9:12:20 AM

Quant Time: Aug 13 09:48:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118967	45.762	ug/l	99
94) Hexachlorobutadiene	13.78	225	56880	43.124	ug/l	98
95) Naphthalene	13.83	128	392155	51.582	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121565	45.996	ug/l	98

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

