

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011617.D
 Acq On : 17 Aug 2019 06:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:07 AM

Quant Time: Aug 19 04:56:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	342729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	480462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	420419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241146	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	149225	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
35) Dibromofluoromethane	5.49	113	139705	44.46	ug/l	0.00
Spiked Amount			Recovery	=	88.92%	
50) Toluene-d8	8.71	98	455361	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
62) 4-Bromofluorobenzene	11.13	95	189151	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	184947	54.899	ug/l	98
3) Chloromethane	1.32	50	159548	45.599	ug/l	100
4) Vinyl Chloride	1.40	62	155713	49.265	ug/l	98
5) Bromomethane	1.63	94	74051	52.287	ug/l	96
6) Chloroethane	1.71	64	80132	53.566	ug/l	97
7) Trichlorofluoromethane	1.92	101	227253	51.908	ug/l	99
8) Diethyl Ether	2.18	74	78849	52.504	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	145629	48.159	ug/l	98
10) Methyl Iodide	2.50	142	214463	49.786	ug/l	100
11) Tert butyl alcohol	3.04	59	203664	261.194	ug/l	99
12) 1,1-Dichloroethene	2.37	96	141340	48.366	ug/l	98
13) Acrolein	2.29	56	53685	225.037	ug/l	95
14) Allyl chloride	2.72	41	239147	49.195	ug/l	98
15) Acrylonitrile	3.14	53	472991	265.040	ug/l	99
16) Acetone	2.43	43	409540	256.261	ug/l	99
17) Carbon Disulfide	2.56	76	340969	49.516	ug/l	100
18) Methyl Acetate	2.76	43	275201	55.525	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	509478	53.531	ug/l	100
20) Methylene Chloride	2.85	84	167958	50.054	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	157589	50.888	ug/l	98
22) Diisopropyl ether	3.85	45	508509	52.526	ug/l	99
23) Vinyl Acetate	3.81	43	2042284	266.401	ug/l	100
24) 1,1-Dichloroethane	3.69	63	279660	51.093	ug/l	98
25) 2-Butanone	4.67	43	654427	260.838	ug/l	96
26) 2,2-Dichloropropane	4.58	77	132767	32.228	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	183734	50.894	ug/l	97
28) Bromochloromethane	5.01	49	118333	49.248	ug/l	99
29) Tetrahydrofuran	5.12	42	432210	262.615	ug/l	99
30) Chloroform	5.20	83	295836	51.213	ug/l	98
31) Cyclohexane	5.57	56	245615	52.118	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	263035	52.957	ug/l	100
36) 1,1-Dichloropropene	5.79	75	211027	51.371	ug/l	99
37) Ethyl Acetate	4.82	43	247827	52.452	ug/l	100
38) Carbon Tetrachloride	5.78	117	228265	50.436	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081619\
 Data File : VX011617.D
 Acq On : 17 Aug 2019 06:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:07 AM

Quant Time: Aug 19 04:56:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247163	48.722	ug/l	97
40) Benzene	6.13	78	645980	50.603	ug/l	97
41) Methacrylonitrile	5.04	41	138076	53.098	ug/l	99
42) 1,2-Dichloroethane	6.18	62	230590	52.136	ug/l	99
43) Isopropyl Acetate	6.44	43	382716	51.903	ug/l	100
44) Trichloroethene	7.21	130	191612	50.598	ug/l	99
45) 1,2-Dichloropropane	7.51	63	167661	52.663	ug/l	95
46) Dibromomethane	7.66	93	116244	50.246	ug/l	99
47) Bromodichloromethane	7.90	83	221400	52.120	ug/l	99
48) Methyl methacrylate	7.77	41	197095	53.976	ug/l	99
49) 1,4-Dioxane	7.74	88	97438	1003.244	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1269902	263.117	ug/l	100
52) Toluene	8.78	92	418110	51.410	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	219144	49.708	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	244493	50.675	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	177124	51.214	ug/l	99
56) Ethyl methacrylate	9.18	69	269822	53.678	ug/l	99
57) 1,3-Dichloropropane	9.37	76	283368	51.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	654172	261.186	ug/l	99
59) 2-Hexanone	9.49	43	982914	264.090	ug/l	100
60) Dibromochloromethane	9.58	129	194510	53.980	ug/l	98
61) 1,2-Dibromoethane	9.67	107	193772	52.498	ug/l	98
64) Tetrachloroethene	9.34	164	190516	55.231	ug/l	99
65) Chlorobenzene	10.13	112	461077	51.419	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	180978	53.997	ug/l	99
67) Ethyl Benzene	10.25	91	795088	53.129	ug/l	99
68) m/p-Xylenes	10.35	106	602764	104.929	ug/l	96
69) o-Xylene	10.69	106	297052	52.791	ug/l	98
70) Styrene	10.71	104	515947	54.468	ug/l	99
71) Bromoform	10.85	173	160838	49.423	ug/l #	98
73) Isopropylbenzene	11.02	105	816588	52.186	ug/l	100
74) N-amyl acetate	10.90	43	343423	51.645	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	268071	49.801	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	229678m	50.228	ug/l	
77) Bromobenzene	11.25	156	238499	51.230	ug/l	100
78) n-propylbenzene	11.36	91	884811	52.440	ug/l	100
79) 2-Chlorotoluene	11.42	91	534214	51.561	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	690580	52.537	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	67012	40.623	ug/l	96
82) 4-Chlorotoluene	11.51	91	621517	51.706	ug/l	100
83) tert-Butylbenzene	11.77	119	693771	51.822	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	699633	53.018	ug/l	100
85) sec-Butylbenzene	11.94	105	783635	51.882	ug/l	100
86) p-Isopropyltoluene	12.06	119	746659	52.546	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	410126	51.253	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	409035	50.434	ug/l	99
89) n-Butylbenzene	12.38	91	596398	51.052	ug/l	100
90) Hexachloroethane	12.59	117	116903	52.098	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	411471	51.224	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	62515	50.764	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
Data File : VX011617.D
Acq On : 17 Aug 2019 06:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/19/2019 10:29:07 AM

Quant Time: Aug 19 04:56:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	310719	51.915	ug/l	100
94) Hexachlorobutadiene	13.78	225	160504	49.249	ug/l	99
95) Naphthalene	13.83	128	923551	54.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	323130	53.527	ug/l	100

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

