

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004012.D
 Acq On : 13 Aug 2018 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/14/2018 12:56:22 PM

Quant Time: Aug 14 05:38:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	492645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	285976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218136	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	5.51	113	176933	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.72	98	703767	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	266180	56.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	156474	48.11	ug/l	99
3) Chloromethane	1.32	50	188975	42.71	ug/l	99
4) Vinyl Chloride	1.40	62	210287	47.65	ug/l	97
5) Bromomethane	1.64	94	105122	37.40	ug/l	100
6) Chloroethane	1.72	64	142955	50.63	ug/l	98
7) Trichlorofluoromethane	1.93	101	291776	50.08	ug/l	99
8) Diethyl Ether	2.18	74	134452	51.34	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	179460	49.28	ug/l	99
10) Methyl Iodide	2.51	142	189804	41.90	ug/l	99
11) Tert butyl alcohol	3.05	59	253338	247.82	ug/l	99
12) 1,1-Dichloroethene	2.37	96	171410	49.76	ug/l	96
13) Acrolein	2.29	56	106491	188.99	ug/l	100
14) Allyl chloride	2.73	41	321328	48.39	ug/l	97
15) Acrylonitrile	3.14	53	597973	245.14	ug/l	99
16) Acetone	2.44	43	595984	235.48	ug/l	100
17) Carbon Disulfide	2.57	76	442453	42.10	ug/l	100
18) Methyl Acetate	2.77	43	297484	53.98	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	650491	53.29	ug/l	99
20) Methylene Chloride	2.85	84	205900	33.56	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	191623	49.00	ug/l	97
22) Diisopropyl ether	3.87	45	662762	54.30	ug/l	99
23) Vinyl Acetate	3.82	43	2757136	271.48	ug/l	100
24) 1,1-Dichloroethane	3.70	63	364761	50.31	ug/l	100
25) 2-Butanone	4.69	43	1005623	264.27	ug/l	99
26) 2,2-Dichloropropane	4.59	77	243085	46.49	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	222751	52.50	ug/l	99
28) Bromochloromethane	5.02	49	156635	50.48	ug/l	99
29) Tetrahydrofuran	5.15	42	512208	261.89	ug/l	99
30) Chloroform	5.21	83	360195	52.77	ug/l	98
31) Cyclohexane	5.58	56	312506	50.97	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	306773	53.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	269934	48.92	ug/l	100
37) Ethyl Acetate	4.85	43	307921	50.73	ug/l	99
38) Carbon Tetrachloride	5.79	117	266587	50.76	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004012.D
 Acq On : 13 Aug 2018 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/14/2018 12:56:22 PM

Quant Time: Aug 14 05:38:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	318356	48.94	ug/l	97
40) Benzene	6.15	78	838492	50.61	ug/l	100
41) Methacrylonitrile	5.06	41	173692	51.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	289303	51.64	ug/l	100
43) Isopropyl Acetate	6.46	43	481621	52.73	ug/l	100
44) Trichloroethene	7.21	130	226931	50.08	ug/l	93
45) 1,2-Dichloropropane	7.52	63	218543	51.08	ug/l	99
46) Dibromomethane	7.67	93	141758	51.03	ug/l	100
47) Bromodichloromethane	7.90	83	275607	52.67	ug/l	98
48) Methyl methacrylate	7.78	41	249037	53.64	ug/l	98
49) 1,4-Dioxane	7.76	88	110961	1014.51	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1997344	263.82	ug/l	99
52) Toluene	8.79	92	542920	51.86	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	312426	52.82	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	336255	52.72	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	224337	52.44	ug/l	99
56) Ethyl methacrylate	9.18	69	343671	55.37	ug/l	100
57) 1,3-Dichloropropane	9.37	76	377423	52.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	782980	256.54	ug/l	100
59) 2-Hexanone	9.50	43	1525408	269.55	ug/l	100
60) Dibromochloromethane	9.59	129	227782	57.11	ug/l	99
61) 1,2-Dibromoethane	9.68	107	232357	54.25	ug/l	100
64) Tetrachloroethene	9.34	164	217026	48.21	ug/l	96
65) Chlorobenzene	10.14	112	598301	50.25	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	217426	53.12	ug/l	99
67) Ethyl Benzene	10.26	91	1012515	51.95	ug/l	99
68) m/p-Xylenes	10.36	106	815316	107.06	ug/l	95
69) o-Xylene	10.70	106	391472	54.45	ug/l	98
70) Styrene	10.71	104	663107	56.34	ug/l	97
71) Bromoform	10.86	173	177264	57.91	ug/l	99
73) Isopropylbenzene	11.02	105	1042638	49.29	ug/l	96
74) N-amyl acetate	6.46	43	481621	43.78	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	350305	48.31	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	309609m	49.02	ug/l	
77) Bromobenzene	11.26	156	280012	49.62	ug/l	98
78) n-propylbenzene	11.36	91	1199198	50.48	ug/l	99
79) 2-Chlorotoluene	11.42	91	705008	48.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	868108	50.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	98737	47.64	ug/l	97
82) 4-Chlorotoluene	11.51	91	823957	48.56	ug/l	100
83) tert-Butylbenzene	11.77	119	886369	52.23	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	895435	51.62	ug/l	98
85) sec-Butylbenzene	11.94	105	1038566	51.86	ug/l	99
86) p-Isopropyltoluene	12.07	119	939314	52.27	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	517112	49.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	525076	48.52	ug/l	100
89) n-Butylbenzene	12.39	91	731823	46.73	ug/l	99
90) Hexachloroethane	12.60	117	129830	44.49	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	484058	46.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64315	43.30	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
Data File : VX004012.D
Acq On : 13 Aug 2018 20:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/14/2018 12:56:22 PM

Quant Time: Aug 14 05:38:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	347825	46.77	ug/l	99
94) Hexachlorobutadiene	13.78	225	158675	45.55	ug/l	99
95) Naphthalene	13.83	128	1133008	53.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	379502	51.13	ug/l	98

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

