

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004070.D
 Acq On : 15 Aug 2018 12:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:01 PM

Quant Time: Aug 15 15:52:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	308580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267122	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211899	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	5.50	113	175444	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	8.71	98	689713	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.14	95	255723	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	154043	51.28	ug/l	99
3) Chloromethane	1.32	50	171866	46.62	ug/l	99
4) Vinyl Chloride	1.40	62	187939	47.12	ug/l	99
5) Bromomethane	1.64	94	101215	50.08	ug/l	100
6) Chloroethane	1.72	64	132970	50.71	ug/l	98
7) Trichlorofluoromethane	1.93	101	271604	48.55	ug/l	100
8) Diethyl Ether	2.18	74	115149	47.14	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172258	49.35	ug/l	100
10) Methyl Iodide	2.51	142	167546	45.45	ug/l	99
11) Tert butyl alcohol	3.04	59	200070	228.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	153216	47.20	ug/l	98
13) Acrolein	2.29	56	131041	221.89	ug/l	100
14) Allyl chloride	2.73	41	287716	46.58	ug/l	96
15) Acrylonitrile	3.14	53	506271	231.92	ug/l	100
16) Acetone	2.43	43	549209	242.96	ug/l	99
17) Carbon Disulfide	2.57	76	433686	47.10	ug/l	100
18) Methyl Acetate	2.77	43	233648	46.51	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	533490	46.65	ug/l	100
20) Methylene Chloride	2.86	84	182503	49.39	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	171398	46.49	ug/l	99
22) Diisopropyl ether	3.86	45	607204	50.17	ug/l	93
23) Vinyl Acetate	3.82	43	2566545	258.17	ug/l	99
24) 1,1-Dichloroethane	3.70	63	337935	49.29	ug/l	99
25) 2-Butanone	4.70	43	866061	235.47	ug/l	100
26) 2,2-Dichloropropane	4.58	77	258594	47.44	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	198880	47.97	ug/l	98
28) Bromochloromethane	5.02	49	156314	49.70	ug/l	99
29) Tetrahydrofuran	5.15	42	429882	228.77	ug/l	99
30) Chloroform	5.21	83	328022	49.03	ug/l	99
31) Cyclohexane	5.57	56	292735	48.71	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	277624	49.65	ug/l	98
36) 1,1-Dichloropropene	5.80	75	251895	51.36	ug/l	100
37) Ethyl Acetate	4.85	43	257018	48.13	ug/l	100
38) Carbon Tetrachloride	5.78	117	246706	51.78	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004070.D
 Acq On : 15 Aug 2018 12:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:01 PM

Quant Time: Aug 15 15:52:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	305343	54.88	ug/l	100
40) Benzene	6.14	78	758298	51.49	ug/l	100
41) Methacrylonitrile	5.06	41	145097	48.51	ug/l	99
42) 1,2-Dichloroethane	6.20	62	260160	50.47	ug/l	99
43) Isopropyl Acetate	6.46	43	393291	49.96	ug/l	100
44) Trichloroethene	7.21	130	201256	50.34	ug/l	90
45) 1,2-Dichloropropane	7.52	63	193344	51.29	ug/l	99
46) Dibromomethane	7.67	93	125751	51.04	ug/l	98
47) Bromodichloromethane	7.90	83	243680	52.23	ug/l	100
48) Methyl methacrylate	7.78	41	211100	53.27	ug/l	99
49) 1,4-Dioxane	7.76	88	92671	1038.71	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1698940	263.21	ug/l	100
52) Toluene	8.79	92	489640	52.57	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	275344	54.62	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	301591	54.03	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	193397	50.28	ug/l	98
56) Ethyl methacrylate	9.18	69	286346	54.75	ug/l	100
57) 1,3-Dichloropropane	9.37	76	329852	51.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	763910	286.85	ug/l	100
59) 2-Hexanone	9.50	43	1308275	269.31	ug/l	100
60) Dibromochloromethane	9.59	129	196865	53.19	ug/l	100
61) 1,2-Dibromoethane	9.67	107	204329	52.12	ug/l	99
64) Tetrachloroethene	9.34	164	199995	50.49	ug/l	96
65) Chlorobenzene	10.14	112	540871	50.10	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	185532	50.39	ug/l	98
67) Ethyl Benzene	10.25	91	911742	53.34	ug/l	96
68) m/p-Xylenes	10.36	106	735529	109.88	ug/l	96
69) o-Xylene	10.70	106	343253	53.66	ug/l	96
70) Styrene	10.71	104	585929	54.42	ug/l	98
71) Bromoform	10.86	173	149992	51.37	ug/l	98
73) Isopropylbenzene	11.02	105	951791	52.65	ug/l	97
74) N-amyl acetate	6.46	43	393291	46.26	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	301621	47.78	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	278374m	51.97	ug/l	
77) Bromobenzene	11.26	156	247287	49.62	ug/l	100
78) n-propylbenzene	11.36	91	1105159	54.63	ug/l	100
79) 2-Chlorotoluene	11.42	91	646771	52.46	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	761972	51.48	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	90352	52.21	ug/l	98
82) 4-Chlorotoluene	11.51	91	753652	51.72	ug/l	99
83) tert-Butylbenzene	11.77	119	771894	51.72	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	822760	53.67	ug/l	100
85) sec-Butylbenzene	11.94	105	936852	53.64	ug/l	99
86) p-Isopropyltoluene	12.07	119	851659	53.86	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	462474	48.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	472550	48.31	ug/l	100
89) n-Butylbenzene	12.39	91	687975	55.21	ug/l	100
90) Hexachloroethane	12.60	117	116133	49.08	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	422836	49.33	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53008	47.78	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
Data File : VX004070.D
Acq On : 15 Aug 2018 12:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/16/2018 4:39:01 PM

Quant Time: Aug 15 15:52:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	291085	49.68	ug/l	97
94) Hexachlorobutadiene	13.79	225	142202	48.42	ug/l	99
95) Naphthalene	13.83	128	924056	49.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	311523	48.76	ug/l	99

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

