

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004328.D
 Acq On : 31 Aug 2018 15:45
 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
 9/4/2018 12:10:35 PM

Quant Time: Sep 01 04:55:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158639	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	5.50	113	134094	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	8.71	98	490839	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.14	95	186258	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	109642	39.96	ug/l	96
3) Chloromethane	1.32	50	144569	47.69	ug/l	99
4) Vinyl Chloride	1.40	62	142959	46.06	ug/l	99
5) Bromomethane	1.63	94	71375	46.51	ug/l	99
6) Chloroethane	1.71	64	100593	45.51	ug/l	98
7) Trichlorofluoromethane	1.92	101	183136	43.06	ug/l	95
8) Diethyl Ether	2.18	74	95804	52.60	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107656	40.41	ug/l	100
10) Methyl Iodide	2.51	142	135108	45.37	ug/l	99
11) Tert butyl alcohol	3.07	59	182725	277.63	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113382	45.18	ug/l	98
13) Acrolein	2.29	56	114069	718.90	ug/l	97
14) Allyl chloride	2.72	41	234624	50.89	ug/l	97
15) Acrylonitrile	3.15	53	451331	276.90	ug/l	100
16) Acetone	2.45	43	361786	288.28	ug/l	99
17) Carbon Disulfide	2.56	76	282409	40.67	ug/l	99
18) Methyl Acetate	2.78	43	310587	67.79	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	439977	53.20	ug/l	97
20) Methylene Chloride	2.85	84	148184	49.86	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	127740	45.99	ug/l	97
22) Diisopropyl ether	3.87	45	446373	51.85	ug/l	97
23) Vinyl Acetate	3.82	43	1785199	255.85	ug/l	99
24) 1,1-Dichloroethane	3.69	63	259078	51.64	ug/l	99
25) 2-Butanone	4.70	43	582998	282.16	ug/l	100
26) 1,2-Dichloropropane	4.58	77	174807	44.42	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	155792	49.45	ug/l	98
28) Bromochloromethane	5.01	49	124001	55.83	ug/l	98
29) Tetrahydrofuran	5.15	42	372203	280.58	ug/l	99
30) Chloroform	5.21	83	259556	51.60	ug/l	97
31) Cyclohexane	5.57	56	176379	40.75	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	203141	48.43	ug/l	99
36) 1,1-Dichloropropene	5.79	75	175076	45.09	ug/l	99
37) Ethyl Acetate	4.85	43	207221	54.26	ug/l	100
38) Carbon Tetrachloride	5.77	117	171567	46.97	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004328.D
 Acq On : 31 Aug 2018 15:45
 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
 9/4/2018 12:10:35 PM

Quant Time: Sep 01 04:55:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175982	39.69	ug/l	99
40) Benzene	6.14	78	585105	50.43	ug/l	99
41) Methacrylonitrile	5.06	41	123099	55.61	ug/l	100
42) 1,2-Dichloroethane	6.20	62	204499	51.67	ug/l	100
43) Isopropyl Acetate	6.46	43	316172	53.88	ug/l	99
44) Trichloroethene	7.21	130	152309	47.42	ug/l	99
45) 1,2-Dichloropropane	7.51	63	153859	52.98	ug/l	100
46) Dibromomethane	7.66	93	101094	52.28	ug/l	99
47) Bromodichloromethane	7.90	83	193144	53.68	ug/l	99
48) Methyl methacrylate	7.77	41	175598	55.92	ug/l	99
49) 1,4-Dioxane	7.76	88	85860	1204.37	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1139327	267.22	ug/l	100
52) Toluene	8.79	92	369924	50.93	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	210348	52.93	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	232432	53.70	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	158987	54.23	ug/l	98
56) Ethyl methacrylate	9.18	69	223294	55.95	ug/l	99
57) 1,3-Dichloropropane	9.37	76	266165	53.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	631069	308.58	ug/l	99
59) 2-Hexanone	9.50	43	873747	268.62	ug/l	100
60) Dibromochloromethane	9.59	129	156078	54.64	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162625	53.60	ug/l	99
64) Tetrachloroethene	9.34	164	155675	48.73	ug/l	98
65) Chlorobenzene	10.14	112	397277	48.95	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	149224	53.31	ug/l	95
67) Ethyl Benzene	10.26	91	672520	51.02	ug/l	95
68) m/p-Xylenes	10.36	106	544243	105.60	ug/l	99
69) o-Xylene	10.70	106	258189	52.96	ug/l	98
70) Styrene	10.71	104	452074	57.27	ug/l	98
71) Bromoform	10.86	173	119263	52.85	ug/l	99
73) Isopropylbenzene	11.02	105	699486	50.21	ug/l	99
74) N-amyl acetate	10.90	43	277422	51.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	247397	50.75	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	225906m	52.37	ug/l	
77) Bromobenzene	11.26	156	195943	50.14	ug/l	99
78) n-propylbenzene	11.36	91	802921	50.12	ug/l	100
79) 2-Chlorotoluene	11.42	91	492137	49.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	591754	51.30	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	68575	51.58	ug/l	98
82) 4-Chlorotoluene	11.51	91	559484	48.21	ug/l	97
83) tert-Butylbenzene	11.77	119	581624	50.11	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	626761	52.93	ug/l	100
85) sec-Butylbenzene	11.94	105	688144	49.94	ug/l	100
86) p-Isopropyltoluene	12.07	119	637235	51.60	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	357822	48.64	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	366018	47.19	ug/l	100
89) n-Butylbenzene	12.39	91	531127	52.89	ug/l	100
90) Hexachloroethane	12.60	117	89214	51.69	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	371210	55.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45751	53.28	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
Data File : VX004328.D
Acq On : 31 Aug 2018 15:45
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
9/4/2018 12:10:35 PM

Quant Time: Sep 01 04:55:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	243235	49.72	ug/l	99
94) Hexachlorobutadiene	13.79	225	114259	50.20	ug/l	98
95) Naphthalene	13.83	128	775017	56.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	266957	51.54	ug/l	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004328.D
 Acq On : 31 Aug 2018 15:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample Id :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 12:10:35 PM

Quant Time: Sep 01 04:55:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

