

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005378.D
 Acq On : 17 Oct 2018 08:07
 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
 10/19/2018 12:23:05 PM

Quant Time: Oct 17 16:50:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	309724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	425702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	402706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236776	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	172522	50.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.50	113	142628	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.71	98	553340	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
62) 4-Bromofluorobenzene	11.13	95	211042	58.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.08%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	117646	48.58	ug/l	97
3) Chloromethane	1.32	50	154097	43.92	ug/l	100
4) Vinyl Chloride	1.41	62	160848	45.25	ug/l	98
5) Bromomethane	1.64	94	100601	50.11	ug/l	100
6) Chloroethane	1.71	64	97732	46.22	ug/l	97
7) Trichlorofluoromethane	1.92	101	233039	49.13	ug/l	94
8) Diethyl Ether	2.19	74	94183	46.50	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140653	51.37	ug/l	95
10) Methyl Iodide	2.51	142	171444	56.76	ug/l	99
11) Tert butyl alcohol	3.07	59	222944	229.92	ug/l	100
12) 1,1-Dichloroethene	2.37	96	129070	47.58	ug/l	97
13) Acrolein	2.29	56	113042	182.10	ug/l	97
14) Allyl chloride	2.73	41	279751	46.97	ug/l	97
15) Acrylonitrile	3.15	53	495962	225.71	ug/l	98
16) Acetone	2.45	43	482544	242.79	ug/l	97
17) Carbon Disulfide	2.57	76	367585	44.73	ug/l	99
18) Methyl Acetate	2.78	43	267622	47.33	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	473086	49.52	ug/l	98
20) Methylene Chloride	2.85	84	148098	51.17	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	140369	46.69	ug/l	97
22) Diisopropyl ether	3.87	45	513199	51.30	ug/l	93
23) Vinyl Acetate	3.82	43	2252464	257.62	ug/l	96
24) 1,1-Dichloroethane	3.70	63	276737	48.27	ug/l	98
25) 2-Butanone	4.70	43	665957	229.01	ug/l	95
26) 2,2-Dichloropropane	4.58	77	212808	49.63	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	150036	45.92	ug/l	96
28) Bromochloromethane	5.01	49	130191	49.81	ug/l	97
29) Tetrahydrofuran	5.15	42	413492	222.92	ug/l	94
30) Chloroform	5.21	83	251158	47.20	ug/l	98
31) Cyclohexane	5.57	56	222585	47.11	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	222441	48.04	ug/l	99
36) 1,1-Dichloropropene	5.79	75	191650	46.48	ug/l	99
37) Ethyl Acetate	4.85	43	232089	43.77	ug/l	99
38) Carbon Tetrachloride	5.78	117	199411	48.14	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005378.D
 Acq On : 17 Oct 2018 08:07
 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
 10/19/2018 12:23:05 PM

Quant Time: Oct 17 16:50:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230565	51.67	ug/l	96
40) Benzene	6.14	78	561291	45.38	ug/l	99
41) Methacrylonitrile	5.06	41	132225	46.52	ug/l	96
42) 1,2-Dichloroethane	6.20	62	200484	45.91	ug/l	97
43) Isopropyl Acetate	6.46	43	354649	50.21	ug/l	97
44) Trichloroethene	7.21	130	159064	50.37	ug/l	96
45) 1,2-Dichloropropane	7.51	63	150659	49.66	ug/l	99
46) Dibromomethane	7.66	93	98092	48.99	ug/l	97
47) Bromodichloromethane	7.90	83	191443	51.69	ug/l	99
48) Methyl methacrylate	7.77	41	186880	51.02	ug/l	95
49) 1,4-Dioxane	7.75	88	83619	989.68	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1255206	256.66	ug/l	95
52) Toluene	8.79	92	358736	53.02	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	219890	54.86	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	236556	54.47	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	148830	51.93	ug/l	97
56) Ethyl methacrylate	9.18	69	230166	55.09	ug/l	95
57) 1,3-Dichloropropane	9.37	76	247698	51.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	343949	146.79	ug/l	95
59) 2-Hexanone	9.49	43	1031896	262.31	ug/l	94
60) Dibromochloromethane	9.59	129	160793	54.28	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155247	51.62	ug/l	99
64) Tetrachloroethene	9.34	164	166716	51.42	ug/l	99
65) Chlorobenzene	10.14	112	414723	48.41	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	151758	49.71	ug/l	98
67) Ethyl Benzene	10.25	91	707728	50.82	ug/l	97
68) m/p-Xylenes	10.36	106	557086	103.07	ug/l	97
69) o-Xylene	10.70	106	264898	50.82	ug/l	98
70) Styrene	10.71	104	449945	52.48	ug/l	97
71) Bromoform	10.86	173	137582	50.44	ug/l	98
73) Isopropylbenzene	11.02	105	730724	51.91	ug/l	100
74) N-amyl acetate	10.90	43	335747	49.46	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	244262	46.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	266285m	57.98	ug/l	
77) Bromobenzene	11.26	156	199091	49.47	ug/l	99
78) n-propylbenzene	11.36	91	848486	52.38	ug/l	100
79) 2-Chlorotoluene	11.42	91	497533	50.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	631381	52.38	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	75816	50.16	ug/l	95
82) 4-Chlorotoluene	11.51	91	595579	50.65	ug/l	100
83) tert-Butylbenzene	11.77	119	628788	51.51	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	651829	52.55	ug/l	98
85) sec-Butylbenzene	11.94	105	764578	52.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	705906	54.07	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	377378	50.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	380977	49.52	ug/l	99
89) n-Butylbenzene	12.39	91	634423	53.52	ug/l	98
90) Hexachloroethane	12.60	117	112708	50.09	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	374882	48.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59469	45.91	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
Data File : VX005378.D
Acq On : 17 Oct 2018 08:07
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
10/19/2018 12:23:05 PM

Quant Time: Oct 17 16:50:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	299243	53.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	155964	52.45	ug/l	97
95) Naphthalene	13.83	128	873196	53.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298476	51.81	ug/l	99

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

