

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005112.D
 Acq On : 08 Oct 2018 08:18
 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
 10/9/2018 1:47:46 PM

Quant Time: Oct 08 17:06:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	323164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200793	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	149616	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
35) Dibromofluoromethane	5.49	113	123047	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	8.71	98	469249	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.14	95	178394	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	145598	47.08	ug/l	99
3) Chloromethane	1.32	50	159572	42.53	ug/l	99
4) Vinyl Chloride	1.40	62	161485	45.88	ug/l	99
5) Bromomethane	1.64	94	121063	58.01	ug/l	96
6) Chloroethane	1.71	64	93861	48.89	ug/l	97
7) Trichlorofluoromethane	1.92	101	216716	49.74	ug/l	93
8) Diethyl Ether	2.18	74	84924	44.87	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	125422	50.54	ug/l	99
10) Methyl Iodide	2.51	142	124341	37.44	ug/l	92
11) Tert butyl alcohol	3.07	59	202667	223.68	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113935	46.35	ug/l	96
13) Acrolein	2.29	56	68621	106.45	ug/l	93
14) Allyl chloride	2.72	41	259778	48.44	ug/l	95
15) Acrylonitrile	3.15	53	462940	232.10	ug/l	96
16) Acetone	2.45	43	431008	227.83	ug/l	93
17) Carbon Disulfide	2.56	76	306680	41.52	ug/l	100
18) Methyl Acetate	2.78	43	269183	56.16	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	434156	51.21	ug/l	94
20) Methylene Chloride	2.85	84	133641	48.56	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	122459	45.51	ug/l	84
22) Diisopropyl ether	3.87	45	480098	53.16	ug/l	95
23) Vinyl Acetate	3.82	43	2095881	253.55	ug/l	97
24) 1,1-Dichloroethane	3.69	63	251394	46.67	ug/l	100
25) 2-Butanone	4.70	43	616418	221.05	ug/l	98
26) 2,2-Dichloropropane	4.58	77	193434	51.57	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	135183	44.97	ug/l	93
28) Bromochloromethane	5.01	49	110794	43.68	ug/l	99
29) Tetrahydrofuran	5.15	42	395157	227.99	ug/l	98
30) Chloroform	5.21	83	228997	44.98	ug/l	96
31) Cyclohexane	5.57	56	202619	49.14	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	199687	48.03	ug/l	95
36) 1,1-Dichloropropene	5.79	75	171189	45.81	ug/l	94
37) Ethyl Acetate	4.85	43	218863	44.12	ug/l	98
38) Carbon Tetrachloride	5.78	117	176247	44.87	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005112.D
 Acq On : 08 Oct 2018 08:18
 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
 10/9/2018 1:47:46 PM

Quant Time: Oct 08 17:06:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202944	53.19	ug/l	87
40) Benzene	6.14	78	510961	43.68	ug/l	95
41) Methacrylonitrile	5.06	41	124515	45.26	ug/l	98
42) 1,2-Dichloroethane	6.20	62	182045	44.02	ug/l	98
43) Isopropyl Acetate	6.46	43	330788	46.20	ug/l	96
44) Trichloroethene	7.21	130	138252	48.07	ug/l	97
45) 1,2-Dichloropropane	7.51	63	138840	48.39	ug/l	99
46) Dibromomethane	7.66	93	88955	49.34	ug/l	100
47) Bromodichloromethane	7.90	83	175234	51.91	ug/l	98
48) Methyl methacrylate	7.77	41	174820	53.80	ug/l	99
49) 1,4-Dioxane	7.76	88	71921	890.87	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1183509	262.54	ug/l	99
52) Toluene	8.79	92	323108	50.26	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	201839	52.91	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	215115	53.84	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	137436	48.81	ug/l	96
56) Ethyl methacrylate	9.18	69	215309	47.29	ug/l	98
57) 1,3-Dichloropropane	9.37	76	228050	48.66	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	552144	228.85	ug/l	99
59) 2-Hexanone	9.49	43	947826	252.32	ug/l	95
60) Dibromochloromethane	9.59	129	144164	51.19	ug/l	100
61) 1,2-Dibromoethane	9.67	107	139417	46.23	ug/l	95
64) Tetrachloroethene	9.34	164	140392	46.34	ug/l	96
65) Chlorobenzene	10.14	112	367822	46.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	135726	48.91	ug/l	100
67) Ethyl Benzene	10.25	91	629331	50.22	ug/l	94
68) m/p-Xylenes	10.36	106	493645	100.81	ug/l	96
69) o-Xylene	10.70	106	234808	52.21	ug/l	100
70) Styrene	10.71	104	403851	48.09	ug/l	99
71) Bromoform	10.86	173	120784	50.84	ug/l	96
73) Isopropylbenzene	11.02	105	649835	51.34	ug/l	99
74) N-amyl acetate	10.90	43	308924	44.60	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	226274	43.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	211712m	47.04	ug/l	
77) Bromobenzene	11.26	156	171706	46.71	ug/l	99
78) n-propylbenzene	11.36	91	761021	52.41	ug/l	100
79) 2-Chlorotoluene	11.42	91	446062	49.28	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	561762	48.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69391	42.37	ug/l	95
82) 4-Chlorotoluene	11.51	91	532700	50.00	ug/l	99
83) tert-Butylbenzene	11.77	119	562384	53.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	578548	48.36	ug/l	99
85) sec-Butylbenzene	11.94	105	677852	53.41	ug/l	100
86) p-Isopropyltoluene	12.07	119	617654	53.71	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	330421	48.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	336438	47.48	ug/l	100
89) n-Butylbenzene	12.39	91	564726	54.07	ug/l	99
90) Hexachloroethane	12.60	117	99712	52.08	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	332985	46.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54667	48.33	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005112.D
Acq On : 08 Oct 2018 08:18
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
10/9/2018 1:47:46 PM

Quant Time: Oct 08 17:06:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262883	52.24	ug/l	99
94) Hexachlorobutadiene	13.78	225	133504	51.16	ug/l	99
95) Naphthalene	13.83	128	784364	47.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	264038	50.79	ug/l	99

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

