

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005327.D
 Acq On : 13 Oct 2018 07:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:06:35 AM

Quant Time: Oct 15 01:27:55 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	259435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	145165	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	117937	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	8.71	98	458983	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.14	95	174162	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108680	53.58	ug/l	99
3) Chloromethane	1.32	50	141239	48.05	ug/l	100
4) Vinyl Chloride	1.41	62	144884	48.66	ug/l	99
5) Bromomethane	1.64	94	89250	53.04	ug/l	97
6) Chloroethane	1.71	64	92670	53.00	ug/l	97
7) Trichlorofluoromethane	1.92	101	207140	52.13	ug/l	94
8) Diethyl Ether	2.19	74	88763	52.31	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118899	51.85	ug/l	96
10) Methyl Iodide	2.51	142	149520	58.99	ug/l	100
11) Tert butyl alcohol	3.08	59	218823	269.42	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119354	52.53	ug/l	93
13) Acrolein	2.29	56	117625	226.75	ug/l	96
14) Allyl chloride	2.73	41	253075	50.73	ug/l	94
15) Acrylonitrile	3.15	53	473447	257.23	ug/l	97
16) Acetone	2.45	43	418407	251.33	ug/l	96
17) Carbon Disulfide	2.56	76	337203	48.99	ug/l	98
18) Methyl Acetate	2.78	43	257299	54.32	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	442954	55.35	ug/l	96
20) Methylene Chloride	2.85	84	142879	59.14	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	129394	51.39	ug/l	98
22) Diisopropyl ether	3.87	45	455018	54.30	ug/l	96
23) Vinyl Acetate	3.82	43	1958572	267.43	ug/l	97
24) 1,1-Dichloroethane	3.70	63	256426	53.40	ug/l	98
25) 2-Butanone	4.70	43	636650	261.37	ug/l #	87
26) 2,2-Dichloropropane	4.58	77	121563	33.85	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	139553	50.99	ug/l	98
28) Bromochloromethane	5.02	49	113404	51.80	ug/l	97
29) Tetrahydrofuran	5.15	42	402417	259.00	ug/l	94
30) Chloroform	5.21	83	230566	51.73	ug/l	99
31) Cyclohexane	5.57	56	208375	52.65	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	204783	52.80	ug/l	98
36) 1,1-Dichloropropene	5.80	75	172659	46.00	ug/l	100
37) Ethyl Acetate	4.85	43	223451	46.29	ug/l	99
38) Carbon Tetrachloride	5.78	117	175395	46.51	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005327.D
 Acq On : 13 Oct 2018 07:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:06:35 AM

Quant Time: Oct 15 01:27:55 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	197576	48.64	ug/l	94
40) Benzene	6.14	78	522612	46.41	ug/l	98
41) Methacrylonitrile	5.06	41	126258	48.79	ug/l	96
42) 1,2-Dichloroethane	6.20	62	184421	46.39	ug/l	98
43) Isopropyl Acetate	6.46	43	340326	52.93	ug/l	98
44) Trichloroethene	7.21	130	142660	49.62	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141295	51.16	ug/l	99
46) Dibromomethane	7.66	93	89978	49.36	ug/l	99
47) Bromodichloromethane	7.90	83	170608	50.60	ug/l	99
48) Methyl methacrylate	7.77	41	175368	52.58	ug/l	95
49) 1,4-Dioxane	7.76	88	79414	1032.41	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1197317	268.92	ug/l	96
52) Toluene	8.79	92	333923	54.21	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	184115	50.45	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	199895	50.56	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	136943	52.49	ug/l	97
56) Ethyl methacrylate	9.18	69	216931	57.03	ug/l	95
57) 1,3-Dichloropropane	9.37	76	229420	52.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	593887	278.41	ug/l	96
59) 2-Hexanone	9.50	43	955851	266.89	ug/l	94
60) Dibromochloromethane	9.59	129	140783	52.20	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142000	51.86	ug/l	99
64) Tetrachloroethene	9.34	164	148147	50.20	ug/l	98
65) Chlorobenzene	10.14	112	375157	48.11	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	135782	48.86	ug/l	99
67) Ethyl Benzene	10.25	91	646526	51.00	ug/l	97
68) m/p-Xylenes	10.36	106	499761	101.57	ug/l	95
69) o-Xylene	10.70	106	242748	51.16	ug/l	98
70) Styrene	10.71	104	412275	52.82	ug/l	98
71) Bromoform	10.86	173	119718	48.21	ug/l	100
73) Isopropylbenzene	11.02	105	660998	52.47	ug/l	100
74) N-amyl acetate	10.90	43	323810	53.30	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	227879	47.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	209790m	51.04	ug/l	
77) Bromobenzene	11.26	156	178972	49.69	ug/l	99
78) n-propylbenzene	11.36	91	760048	52.43	ug/l	100
79) 2-Chlorotoluene	11.42	91	448990	50.58	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	562434	52.14	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	57328	42.38	ug/l	98
82) 4-Chlorotoluene	11.51	91	532523	50.60	ug/l	100
83) tert-Butylbenzene	11.77	119	560811	51.34	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	582553	52.48	ug/l	98
85) sec-Butylbenzene	11.94	105	675113	52.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	606518	51.91	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	329120	48.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	335821	48.78	ug/l	99
89) n-Butylbenzene	12.39	91	537161	50.63	ug/l	98
90) Hexachloroethane	12.60	117	97674	48.51	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	337370	49.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55508	47.89	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005327.D
Acq On : 13 Oct 2018 07:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:35 AM

Quant Time: Oct 15 01:27:55 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	257584	51.12	ug/l	99
94) Hexachlorobutadiene	13.79	225	124892	46.93	ug/l	97
95) Naphthalene	13.83	128	800164	54.76	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	263844	51.18	ug/l	98

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

