

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006459.D
 Acq On : 12 Dec 2018 21:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 11:05:21 AM

Quant Time: Dec 13 07:13:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	572314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	871510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	791931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	408506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	302588	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	5.51	113	288749	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.71	98	1034233	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	389401	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	289769	51.710	ug/l	100
3) Chloromethane	1.33	50	294458	51.134	ug/l	98
4) Vinyl Chloride	1.41	62	326330	52.653	ug/l	97
5) Bromomethane	1.64	94	310288	72.240	ug/l	98
6) Chloroethane	1.71	64	210980	55.520	ug/l	100
7) Trichlorofluoromethane	1.93	101	513452	53.970	ug/l	98
8) Diethyl Ether	2.19	74	199429	55.388	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	294230	54.390	ug/l	99
10) Methyl Iodide	2.51	142	476747	58.478	ug/l	98
11) Tert butyl alcohol	3.08	59	387296	242.398	ug/l	100
12) 1,1-Dichloroethene	2.37	96	283330	54.711	ug/l	91
13) Acrolein	2.30	56	193271	221.316	ug/l	99
14) Allyl chloride	2.73	41	488926	47.794	ug/l	97
15) Acrylonitrile	3.15	53	875877	262.699	ug/l	99
16) Acetone	2.45	43	711526	259.510	ug/l	100
17) Carbon Disulfide	2.57	76	788327	49.401	ug/l	98
18) Methyl Acetate	2.78	43	468809	51.129	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	980736	53.087	ug/l	97
20) Methylene Chloride	2.86	84	313418	53.711	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	302657	54.842	ug/l	95
22) Diisopropyl ether	3.87	45	887383	55.535	ug/l	99
23) Vinyl Acetate	3.82	43	3659351	268.508	ug/l	100
24) 1,1-Dichloroethane	3.70	63	507942	55.616	ug/l	100
25) 2-Butanone	4.70	43	1052422	269.013	ug/l	98
26) 2,2-Dichloropropane	4.59	77	381042	45.207	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	350307	56.907	ug/l	97
28) Bromochloromethane	5.02	49	202463	50.752	ug/l	97
29) Tetrahydrofuran	5.15	42	716582	263.551	ug/l	97
30) Chloroform	5.22	83	541801	56.451	ug/l	96
31) Cyclohexane	5.57	56	460656	54.578	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	495488	54.259	ug/l	100
36) 1,1-Dichloropropene	5.80	75	398423	54.288	ug/l	100
37) Ethyl Acetate	4.85	43	421277	51.258	ug/l	98
38) Carbon Tetrachloride	5.78	117	440066	50.970	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006459.D
 Acq On : 12 Dec 2018 21:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 11:05:21 AM

Quant Time: Dec 13 07:13:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	515884	54.154	ug/l	98
40) Benzene	6.14	78	1234452	56.160	ug/l	99
41) Methacrylonitrile	5.06	41	227919	50.398	ug/l	98
42) 1,2-Dichloroethane	6.20	62	406142	56.456	ug/l	100
43) Isopropyl Acetate	6.46	43	686764	50.118	ug/l	99
44) Trichloroethene	7.21	130	371868	55.845	ug/l	95
45) 1,2-Dichloropropane	7.52	63	304284	54.467	ug/l	99
46) Dibromomethane	7.66	93	220426	54.633	ug/l	98
47) Bromodichloromethane	7.90	83	402196	51.476	ug/l	100
48) Methyl methacrylate	7.77	41	340977	51.149	ug/l	96
49) 1,4-Dioxane	7.76	88	166239	1011.790	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2066058	258.998	ug/l	98
52) Toluene	8.79	92	813029	56.221	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	448058	49.034	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	483651	50.973	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	333231	56.720	ug/l	99
56) Ethyl methacrylate	9.18	69	492568	53.631	ug/l	97
57) 1,3-Dichloropropane	9.37	76	524889	56.500	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1111095	238.399	ug/l	99
59) 2-Hexanone	9.49	43	1541791	252.979	ug/l	98
60) Dibromochloromethane	9.59	129	366545	50.597	ug/l	100
61) 1,2-Dibromoethane	9.67	107	370903	56.462	ug/l	97
64) Tetrachloroethene	9.34	164	338354	56.733	ug/l	98
65) Chlorobenzene	10.14	112	949798	56.499	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	349757	53.548	ug/l	98
67) Ethyl Benzene	10.25	91	1555241	55.624	ug/l	100
68) m/p-Xylenes	10.36	106	1247153	111.353	ug/l	99
69) o-Xylene	10.70	106	610252	55.162	ug/l	100
70) Styrene	10.71	104	980742	54.812	ug/l	99
71) Bromoform	10.86	173	281081	45.587	ug/l	99
73) Isopropylbenzene	11.02	105	1611453	57.121	ug/l	100
74) N-amyl acetate	10.90	43	603706	49.695	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	480957	53.290	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	448709m	56.908	ug/l	
77) Bromobenzene	11.26	156	441227	56.358	ug/l	99
78) n-propylbenzene	11.36	91	1768706	56.402	ug/l	100
79) 2-Chlorotoluene	11.42	91	1039481	55.770	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1320416	56.254	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143492	42.707	ug/l	88
82) 4-Chlorotoluene	11.51	91	1191706	54.992	ug/l	100
83) tert-Butylbenzene	11.77	119	1384027	55.264	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1366746	56.390	ug/l	100
85) sec-Butylbenzene	11.94	105	1611659	56.567	ug/l	100
86) p-Isopropyltoluene	12.07	119	1434849	55.928	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	778169	55.860	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	774200	54.755	ug/l	99
89) n-Butylbenzene	12.39	91	1214481	55.481	ug/l	100
90) Hexachloroethane	12.60	117	250645	47.935	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	760287	54.991	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	107487	46.460	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
Data File : VX006459.D
Acq On : 12 Dec 2018 21:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/13/2018 11:05:21 AM

Quant Time: Dec 13 07:13:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	546380	54.168	ug/l	99
94) Hexachlorobutadiene	13.78	225	240304	53.871	ug/l	98
95) Naphthalene	13.83	128	1727268	55.051	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	549761	55.028	ug/l	99

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

