

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009367.D
 Acq On : 07 May 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:10:20 AM

Quant Time: May 08 02:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124881	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.49	113	93685	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	8.71	98	382011	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
62) 4-Bromofluorobenzene	11.13	95	141032	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73825	44.548	ug/l	100
3) Chloromethane	1.32	50	97990	43.310	ug/l	100
4) Vinyl Chloride	1.41	62	97228	44.069	ug/l	98
5) Bromomethane	1.64	94	57322	43.287	ug/l	98
6) Chloroethane	1.71	64	60927	43.013	ug/l	100
7) Trichlorofluoromethane	1.92	101	122346	45.621	ug/l	100
8) Diethyl Ether	2.19	74	55863	43.975	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78160	46.411	ug/l	98
10) Methyl Iodide	2.51	142	78403	40.981	ug/l	99
11) Tert butyl alcohol	3.05	59	122916	216.300	ug/l	98
12) 1,1-Dichloroethene	2.37	96	75207	44.570	ug/l	96
13) Acrolein	2.29	56	106904	207.726	ug/l	99
14) Allyl chloride	2.73	41	179002	43.530	ug/l	100
15) Acrylonitrile	3.14	53	305163	219.628	ug/l	100
16) Acetone	2.44	43	318350	241.499	ug/l	97
17) Carbon Disulfide	2.57	76	195599	41.288	ug/l	100
18) Methyl Acetate	2.77	43	137202	43.765	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	297167	45.352	ug/l	100
20) Methylene Chloride	2.85	84	93120	43.628	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	80941	44.231	ug/l	98
22) Diisopropyl ether	3.85	45	359876	45.507	ug/l	95
23) Vinyl Acetate	3.81	43	1566341	231.302	ug/l	100
24) 1,1-Dichloroethane	3.70	63	175025	44.865	ug/l	100
25) 2-Butanone	4.67	43	480762	234.692	ug/l	99
26) 2,2-Dichloropropane	4.57	77	133494	45.972	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	98252	44.982	ug/l	98
28) Bromochloromethane	5.01	49	72555	45.981	ug/l	100
29) Tetrahydrofuran	5.12	42	293283	222.489	ug/l	99
30) Chloroform	5.21	83	161290	45.712	ug/l	98
31) Cyclohexane	5.57	56	164073	45.205	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	133439	45.430	ug/l	99
36) 1,1-Dichloropropene	5.79	75	120568	46.324	ug/l	100
37) Ethyl Acetate	4.83	43	167157	46.095	ug/l	100
38) Carbon Tetrachloride	5.78	117	111758	47.260	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050719\
 Data File : VX009367.D
 Acq On : 07 May 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:10:20 AM

Quant Time: May 08 02:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152055	47.571	ug/l	100
40) Benzene	6.14	78	372091	46.194	ug/l	100
41) Methacrylonitrile	5.04	41	97164	45.011	ug/l	99
42) 1,2-Dichloroethane	6.19	62	135266	46.814	ug/l	99
43) Isopropyl Acetate	6.44	43	269033	46.381	ug/l	100
44) Trichloroethene	7.21	130	90390	46.418	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107323	47.054	ug/l	98
46) Dibromomethane	7.66	93	60738	45.858	ug/l	99
47) Bromodichloromethane	7.89	83	126337	47.818	ug/l	97
48) Methyl methacrylate	7.76	41	135816	47.195	ug/l	99
49) 1,4-Dioxane	7.74	88	53320	913.622	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	906816	239.180	ug/l	100
52) Toluene	8.78	92	230085	46.991	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	144735	48.522	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159218	48.225	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	94030	47.072	ug/l	95
56) Ethyl methacrylate	9.18	69	169791	47.617	ug/l	99
57) 1,3-Dichloropropane	9.37	76	163965	46.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	456023	241.072	ug/l	99
59) 2-Hexanone	9.49	43	728429	244.630	ug/l	99
60) Dibromochloromethane	9.58	129	94314	48.341	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94574	46.902	ug/l	100
64) Tetrachloroethene	9.34	164	83599	48.711	ug/l	97
65) Chlorobenzene	10.13	112	241365	48.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	88753	48.912	ug/l	99
67) Ethyl Benzene	10.25	91	444657	48.273	ug/l	99
68) m/p-Xylenes	10.35	106	327539	97.306	ug/l	97
69) o-Xylene	10.69	106	160203	48.237	ug/l	100
70) Styrene	10.71	104	285410	49.444	ug/l	99
71) Bromoform	10.85	173	73661	49.954	ug/l #	99
73) Isopropylbenzene	11.02	105	435473	46.243	ug/l	99
74) N-amyl acetate	10.90	43	254012	46.266	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159268	45.368	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140039m	46.619	ug/l	
77) Bromobenzene	11.26	156	107579	46.026	ug/l	99
78) n-propylbenzene	11.36	91	508687	47.299	ug/l	99
79) 2-Chlorotoluene	11.42	91	301787	45.483	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	371429	46.843	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54431	46.362	ug/l	97
82) 4-Chlorotoluene	11.51	91	350420	46.749	ug/l	99
83) tert-Butylbenzene	11.77	119	362152	46.950	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	375425	47.170	ug/l	99
85) sec-Butylbenzene	11.94	105	433605	47.415	ug/l	100
86) p-Isopropyltoluene	12.06	119	399045	48.538	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	196672	47.200	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	199273	47.436	ug/l	99
89) n-Butylbenzene	12.38	91	371478	49.993	ug/l	100
90) Hexachloroethane	12.59	117	67200	47.979	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	197204	46.466	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35052	44.509	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
Data File : VX009367.D
Acq On : 07 May 2019 09:44
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/8/2019 10:10:20 AM

Quant Time: May 08 02:27:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue May 07 08:24:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141464	48.743	ug/l	99
94) Hexachlorobutadiene	13.78	225	73611	49.668	ug/l	99
95) Naphthalene	13.83	128	444523	47.079	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141093	47.960	ug/l	99

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

