

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031419\
 Data File : VX008077.D
 Acq On : 14 Mar 2019 18:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:06:19 AM

Quant Time: Mar 15 04:55:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	324842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	394608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144572	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	
35) Dibromofluoromethane	5.50	113	135375	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	517460	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.13	95	182693	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	124441	47.857	ug/l	98
3) Chloromethane	1.33	50	124271	40.590	ug/l	99
4) Vinyl Chloride	1.41	62	126631	43.347	ug/l	100
5) Bromomethane	1.64	94	63877	44.865	ug/l	99
6) Chloroethane	1.72	64	74854	47.565	ug/l	97
7) Trichlorofluoromethane	1.93	101	161080	45.942	ug/l	98
8) Diethyl Ether	2.19	74	87322	50.102	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	134792	51.439	ug/l	97
10) Methyl Iodide	2.51	142	193246	52.789	ug/l	97
11) Tert butyl alcohol	3.07	59	155100	244.994	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125462	50.656	ug/l	95
13) Acrolein	2.30	56	123264	211.377	ug/l	99
14) Allyl chloride	2.73	41	222864	49.402	ug/l	97
15) Acrylonitrile	3.15	53	378376	245.106	ug/l	100
16) Acetone	2.45	43	368075	237.930	ug/l	98
17) Carbon Disulfide	2.57	76	360842	50.741	ug/l	100
18) Methyl Acetate	2.78	43	171806	51.384	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	420429	50.207	ug/l	98
20) Methylene Chloride	2.85	84	134318	48.614	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	132310	49.581	ug/l	93
22) Diisopropyl ether	3.87	45	437652	48.817	ug/l	95
23) Vinyl Acetate	3.82	43	1899380	249.112	ug/l	98
24) 1,1-Dichloroethane	3.70	63	242891	49.424	ug/l	100
25) 2-Butanone	4.70	43	560711	236.134	ug/l	95
26) 2,2-Dichloropropane	4.58	77	180199	47.996	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	152987	48.229	ug/l	97
28) Bromochloromethane	5.02	49	113225	48.781	ug/l	90
29) Tetrahydrofuran	5.15	42	352315	237.678	ug/l	95
30) Chloroform	5.21	83	233794	46.966	ug/l	100
31) Cyclohexane	5.57	56	233110	49.754	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	200162	47.736	ug/l	97
36) 1,1-Dichloropropene	5.79	75	183627	49.627	ug/l	98
37) Ethyl Acetate	4.85	43	197785	49.735	ug/l	97
38) Carbon Tetrachloride	5.78	117	174948	49.121	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008077.D
 Acq On : 14 Mar 2019 18:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:06:19 AM

Quant Time: Mar 15 04:55:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247068	52.239	ug/l	98
40) Benzene	6.14	78	561387	49.525	ug/l	99
41) Methacrylonitrile	5.06	41	113853	49.172	ug/l	98
42) 1,2-Dichloroethane	6.20	62	173005	47.710	ug/l	98
43) Isopropyl Acetate	6.46	43	314362	49.085	ug/l	97
44) Trichloroethene	7.21	130	161139	49.257	ug/l	95
45) 1,2-Dichloropropane	7.51	63	144415	48.292	ug/l	98
46) Dibromomethane	7.66	93	91707	48.927	ug/l	96
47) Bromodichloromethane	7.90	83	169915	47.666	ug/l	99
48) Methyl methacrylate	7.77	41	161289	48.220	ug/l	96
49) 1,4-Dioxane	7.75	88	70170	972.665	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	982329	232.728	ug/l	96
52) Toluene	8.78	92	351395	48.768	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	194304	49.723	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	218868	50.397	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	142796	48.672	ug/l	98
56) Ethyl methacrylate	9.18	69	215634	49.757	ug/l	94
57) 1,3-Dichloropropane	9.37	76	229780	47.325	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	600561	235.555	ug/l	96
59) 2-Hexanone	9.49	43	756908	229.292	ug/l	97
60) Dibromochloromethane	9.59	129	143813	47.560	ug/l	99
61) 1,2-Dibromoethane	9.67	107	148910	48.439	ug/l	99
64) Tetrachloroethene	9.34	164	162604	50.857	ug/l	97
65) Chlorobenzene	10.14	112	388909	49.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	140721	50.636	ug/l	100
67) Ethyl Benzene	10.25	91	657939	50.761	ug/l	99
68) m/p-Xylenes	10.36	106	509993	102.828	ug/l	99
69) o-Xylene	10.69	106	247888	51.270	ug/l	98
70) Styrene	10.71	104	407132	51.402	ug/l	99
71) Bromoform	10.85	173	113857	49.506	ug/l #	100
73) Isopropylbenzene	11.02	105	665959	51.597	ug/l	100
74) N-amyl acetate	10.90	43	264906	48.655	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	201180	47.571	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	195644m	55.902	ug/l	
77) Bromobenzene	11.26	156	176058	49.975	ug/l	97
78) n-propylbenzene	11.36	91	739455	52.220	ug/l	99
79) 2-Chlorotoluene	11.42	91	432333	49.993	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	552210	51.921	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61575	50.067	ug/l	98
82) 4-Chlorotoluene	11.51	91	500076	50.490	ug/l	99
83) tert-Butylbenzene	11.77	119	548011	51.418	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	564157	51.425	ug/l	99
85) sec-Butylbenzene	11.94	105	667828	52.591	ug/l	100
86) p-Isopropyltoluene	12.06	119	608862	53.016	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318549	50.806	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	316186	49.663	ug/l	100
89) n-Butylbenzene	12.38	91	512494	53.331	ug/l	99
90) Hexachloroethane	12.60	117	92179	50.152	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	309886	49.816	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41823	48.915	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
Data File : VX008077.D
Acq On : 14 Mar 2019 18:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/15/2019 9:06:19 AM

Quant Time: Mar 15 04:55:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	231769	52.598	ug/l	100
94) Hexachlorobutadiene	13.78	225	122476	51.158	ug/l	98
95) Naphthalene	13.83	128	666209	53.769	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	227486	52.442	ug/l	98

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

