

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010823.D
 Acq On : 12 Jul 2019 09:41
 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
 7/15/2019 11:00:16 AM

Quant Time: Jul 13 01:50:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	255180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	367523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104852	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
35) Dibromofluoromethane	5.49	113	101856	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
50) Toluene-d8	8.71	98	367440	42.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.42%	
62) 4-Bromofluorobenzene	11.13	95	140413	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89908	50.679	ug/l	100
3) Chloromethane	1.32	50	90789	43.948	ug/l	98
4) Vinyl Chloride	1.41	62	97926	43.279	ug/l	97
5) Bromomethane	1.64	94	47741	43.309	ug/l	98
6) Chloroethane	1.71	64	66454	49.780	ug/l	97
7) Trichlorofluoromethane	1.93	101	172364	48.054	ug/l	98
8) Diethyl Ether	2.19	74	60830	47.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101540	46.713	ug/l	98
10) Methyl Iodide	2.51	142	102876	33.163	ug/l	97
11) Tert butyl alcohol	3.05	59	111720	178.450	ug/l	98
12) 1,1-Dichloroethene	2.37	96	99241	44.868	ug/l	99
13) Acrolein	2.29	56	80922	194.847	ug/l	97
14) Allyl chloride	2.73	41	142243	45.298	ug/l	97
15) Acrylonitrile	3.14	53	274692	221.611	ug/l	99
16) Acetone	2.44	43	302717	252.457	ug/l	98
17) Carbon Disulfide	2.57	76	239113	40.295	ug/l	100
18) Methyl Acetate	2.77	43	106744	44.666	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	316255	45.450	ug/l	100
20) Methylene Chloride	2.85	84	111662	45.250	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	104563	43.955	ug/l	98
22) Diisopropyl ether	3.85	45	306020	46.611	ug/l	93
23) Vinyl Acetate	3.81	43	1341516	236.524	ug/l	99
24) 1,1-Dichloroethane	3.70	63	173639	45.754	ug/l	98
25) 2-Butanone	4.67	43	408411	232.197	ug/l	99
26) 2,2-Dichloropropane	4.58	77	145540	44.147	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	122646	44.615	ug/l	98
28) Bromochloromethane	5.01	49	76958	42.413	ug/l	93
29) Tetrahydrofuran	5.12	42	236266	216.862	ug/l	99
30) Chloroform	5.21	83	185787	45.500	ug/l	97
31) Cyclohexane	5.57	56	157717	45.637	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	163752	45.417	ug/l	99
36) 1,1-Dichloropropene	5.80	75	136851	46.858	ug/l	98
37) Ethyl Acetate	4.83	43	139866	46.552	ug/l	99
38) Carbon Tetrachloride	5.78	117	145716	46.075	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010823.D
 Acq On : 12 Jul 2019 09:41
 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
 7/15/2019 11:00:16 AM

Quant Time: Jul 13 01:50:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	179255	46.694	ug/l	96
40) Benzene	6.14	78	418970	46.046	ug/l	98
41) Methacrylonitrile	5.04	41	77043	46.734	ug/l	98
42) 1,2-Dichloroethane	6.19	62	139756	50.459	ug/l	98
43) Isopropyl Acetate	6.44	43	231269	46.524	ug/l	97
44) Trichloroethene	7.21	130	123480	45.353	ug/l	97
45) 1,2-Dichloropropane	7.51	63	106124	46.187	ug/l	100
46) Dibromomethane	7.66	93	77110	46.774	ug/l	96
47) Bromodichloromethane	7.90	83	140944	46.652	ug/l	100
48) Methyl methacrylate	7.76	41	110546	47.844	ug/l	98
49) 1,4-Dioxane	7.73	88	57629	865.801	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	761621	239.562	ug/l	98
52) Toluene	8.78	92	276427	46.133	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	154975	45.753	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	171573	46.612	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	114867	46.482	ug/l	100
56) Ethyl methacrylate	9.18	69	176257	47.083	ug/l	96
57) 1,3-Dichloropropane	9.37	76	181422	47.294	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	377749	212.468	ug/l	99
59) 2-Hexanone	9.49	43	614869	245.735	ug/l	97
60) Dibromochloromethane	9.58	129	126344	45.662	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123738	46.389	ug/l	100
64) Tetrachloroethene	9.34	164	119386	43.790	ug/l	97
65) Chlorobenzene	10.13	112	316142	46.198	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	116461	46.721	ug/l	99
67) Ethyl Benzene	10.25	91	545389	47.208	ug/l	100
68) m/p-Xylenes	10.35	106	426819	95.347	ug/l	99
69) o-Xylene	10.69	106	206790	46.974	ug/l	99
70) Styrene	10.71	104	353924	47.940	ug/l	98
71) Bromoform	10.85	173	97112	44.800	ug/l	100
73) Isopropylbenzene	11.02	105	556813	45.454	ug/l	98
74) N-amyl acetate	10.90	43	219140	47.335	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	181519	44.744	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	151536m	46.017	ug/l	
77) Bromobenzene	11.25	156	151745	44.363	ug/l	98
78) n-propylbenzene	11.36	91	637798	47.373	ug/l	98
79) 2-Chlorotoluene	11.42	91	368252	45.934	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	473911	46.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55320	39.191	ug/l	92
82) 4-Chlorotoluene	11.51	91	433579	47.528	ug/l	99
83) tert-Butylbenzene	11.77	119	467156	46.089	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	482044	47.511	ug/l	100
85) sec-Butylbenzene	11.94	105	560515	47.099	ug/l	99
86) p-Isopropyltoluene	12.06	119	526735	47.851	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	276389	46.290	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	273220	44.948	ug/l	99
89) n-Butylbenzene	12.38	91	458759	49.044	ug/l	99
90) Hexachloroethane	12.59	117	83799	44.026	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	268480	45.243	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37117	42.435	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010823.D
Acq On : 12 Jul 2019 09:41
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
7/15/2019 11:00:16 AM

Quant Time: Jul 13 01:50:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	190918	46.393	ug/l	99
94) Hexachlorobutadiene	13.78	225	93099	46.288	ug/l	99
95) Naphthalene	13.83	128	565334	44.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189571	46.331	ug/l	98

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

