

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091619\
 Data File : VX012405.D
 Acq On : 16 Sep 2019 13:34
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 5:04:11 PM

Quant Time: Sep 17 04:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	118085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	187526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	176161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	122500	84.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	169.76%	
35) Dibromofluoromethane	5.49	113	91539	68.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.12%	
50) Toluene-d8	8.71	98	333762	71.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.88%	
62) 4-Bromofluorobenzene	11.14	95	134354	71.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.28%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	58820	53.689	ug/l	100
3) Chloromethane	1.32	50	50441	52.031	ug/l	100
4) Vinyl Chloride	1.40	62	52342	53.300	ug/l	100
5) Bromomethane	1.62	94	20308	39.698	ug/l	100
6) Chloroethane	1.70	64	35251	60.901	ug/l	100
7) Trichlorofluoromethane	1.92	101	99755	61.894	ug/l	100
8) Diethyl Ether	2.18	74	40348	70.342	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69638	68.062	ug/l	100
10) Methyl Iodide	2.50	142	67853	57.553	ug/l	100
11) Tert butyl alcohol	3.04	59	154018	497.426	ug/l	100
12) 1,1-Dichloroethene	2.36	96	56650	58.682	ug/l	100
13) Acrolein	2.28	56	64412	511.320	ug/l	100
14) Allyl chloride	2.72	41	127425	78.758	ug/l	100
15) Acrylonitrile	3.13	53	264398	427.391	ug/l	100
16) Acetone	2.44	43	263678	436.442	ug/l	100
17) Carbon Disulfide	2.56	76	77840	35.299	ug/l	100
18) Methyl Acetate	2.76	43	125805	80.238	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	294867	85.467	ug/l	100
20) Methylene Chloride	2.84	84	73720	65.536	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	59373	57.770	ug/l	100
22) Diisopropyl ether	3.84	45	290407	88.052	ug/l	100
23) Vinyl Acetate	3.80	43	1241239	452.169	ug/l	100
24) 1,1-Dichloroethane	3.69	63	142017	76.737	ug/l	100
25) 2-Butanone	4.66	43	401795	454.934	ug/l	100
26) 2,2-Dichloropropane	4.57	77	136119	83.692	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	85334	68.681	ug/l	100
28) Bromochloromethane	5.00	49	69910	81.637	ug/l	100
29) Tetrahydrofuran	5.11	42	237139	431.768	ug/l	100
30) Chloroform	5.20	83	160431	78.786	ug/l	100
31) Cyclohexane	5.57	56	88838	59.010	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	139858	79.634	ug/l	100
36) 1,1-Dichloropropene	5.79	75	89281	58.631	ug/l	100
37) Ethyl Acetate	4.83	43	142382	81.135	ug/l	100
38) Carbon Tetrachloride	5.78	117	115206	64.994	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091619\
 Data File : VX012405.D
 Acq On : 16 Sep 2019 13:34
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 5:04:11 PM

Quant Time: Sep 17 04:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91941	50.860	ug/l	100
40) Benzene	6.13	78	289432	60.696	ug/l	100
41) Methacrylonitrile	5.03	41	84588	81.518	ug/l	100
42) 1,2-Dichloroethane	6.18	62	129458	71.320	ug/l	100
43) Isopropyl Acetate	6.43	43	240964	83.435	ug/l	100
44) Trichloroethene	7.20	130	77681	54.410	ug/l	100
45) 1,2-Dichloropropane	7.51	63	84446	68.527	ug/l	100
46) Dibromomethane	7.65	93	56998	63.787	ug/l	100
47) Bromodichloromethane	7.89	83	131073	77.557	ug/l	100
48) Methyl methacrylate	7.76	41	114307	80.879	ug/l	100
49) 1,4-Dioxane	7.73	88	56213	1465.391	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	794492	417.121	ug/l	100
52) Toluene	8.78	92	190067	61.755	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	137837	78.043	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	141748	74.570	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	92729	69.711	ug/l	100
56) Ethyl methacrylate	9.17	69	147698	77.015	ug/l	100
57) 1,3-Dichloropropane	9.37	76	152718	70.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	398917	392.237	ug/l	100
59) 2-Hexanone	9.49	43	611340	419.720	ug/l	100
60) Dibromochloromethane	9.58	129	105564	73.134	ug/l	100
61) 1,2-Dibromoethane	9.67	107	89858	64.729	ug/l	100
64) Tetrachloroethene	9.33	164	62593	45.929	ug/l	100
65) Chlorobenzene	10.14	112	221060	61.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	95110	68.899	ug/l	100
67) Ethyl Benzene	10.25	91	383121	63.808	ug/l	100
68) m/p-Xylenes	10.35	106	283298	123.893	ug/l	100
69) o-Xylene	10.70	106	145613	64.035	ug/l	100
70) Styrene	10.71	104	259832	67.463	ug/l	100
71) Bromoform	10.85	173	76139	65.348	ug/l #	100
73) Isopropylbenzene	11.01	105	405299	60.330	ug/l	100
74) N-amyl acetate	10.89	43	215682	77.164	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158369	68.210	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	151482m	72.987	ug/l	
77) Bromobenzene	11.25	156	102645	53.011	ug/l	100
78) n-propylbenzene	11.35	91	458837	63.467	ug/l	100
79) 2-Chlorotoluene	11.42	91	289384	63.818	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	355014	62.983	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50951	73.366	ug/l	100
82) 4-Chlorotoluene	11.51	91	341924	65.123	ug/l	100
83) tert-Butylbenzene	11.77	119	371801	66.073	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	362050	63.452	ug/l	100
85) sec-Butylbenzene	11.94	105	415322	64.475	ug/l	100
86) p-Isopropyltoluene	12.06	119	386995	63.213	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188469	56.166	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	193737	56.769	ug/l	100
89) n-Butylbenzene	12.39	91	342966	66.695	ug/l	100
90) Hexachloroethane	12.59	117	73448	73.864	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	196928	57.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42675	76.760	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
Data File : VX012405.D
Acq On : 16 Sep 2019 13:34
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
9/23/2019 5:04:11 PM

Quant Time: Sep 17 04:32:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 04:04:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134399	54.630	ug/l	100
94) Hexachlorobutadiene	13.78	225	63110	47.271	ug/l	100
95) Naphthalene	13.83	128	487243	68.075	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137657	55.455	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091619\
 Data File : VX012405.D
 Acq On : 16 Sep 2019 13:34
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 5:04:11 PM

Quant Time: Sep 17 04:32:42 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

