

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092519\
 Data File : VX012649.D
 Acq On : 25 Sep 2019 10:09
 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
 9/26/2019 9:33:30 AM

Quant Time: Sep 25 23:21:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	201987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	346527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	307162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	146716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	137597	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.48	113	102949	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.71	98	385389	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	154987	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	105111	46.258	ug/l	98
3) Chloromethane	1.32	50	115085	44.106	ug/l	97
4) Vinyl Chloride	1.40	62	119313	46.005	ug/l	97
5) Bromomethane	1.63	94	46795	45.891	ug/l	96
6) Chloroethane	1.71	64	79586	45.520	ug/l	98
7) Trichlorofluoromethane	1.92	101	174860	48.021	ug/l	100
8) Diethyl Ether	2.18	74	70747	47.410	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102060	46.018	ug/l	94
10) Methyl Iodide	2.50	142	109534	47.189	ug/l	96
11) Tert butyl alcohol	3.03	59	173686	236.384	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97328	44.816	ug/l	96
13) Acrolein	2.28	56	80314	198.421	ug/l	99
14) Allyl chloride	2.72	41	206756	47.986	ug/l	97
15) Acrylonitrile	3.13	53	333864	223.968	ug/l	99
16) Acetone	2.43	43	419841	269.481	ug/l	99
17) Carbon Disulfide	2.56	76	271970	44.671	ug/l	99
18) Methyl Acetate	2.76	43	163126	44.467	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	390926	47.557	ug/l	97
20) Methylene Chloride	2.84	84	120398	45.690	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	111100	46.177	ug/l	99
22) Diisopropyl ether	3.84	45	396407	47.613	ug/l	95
23) Vinyl Acetate	3.80	43	1747749	239.381	ug/l	99
24) 1,1-Dichloroethane	3.69	63	211690	46.776	ug/l	98
25) 2-Butanone	4.65	43	539987	241.725	ug/l	98
26) 2,2-Dichloropropane	4.56	77	192128	47.733	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	127810	45.783	ug/l	98
28) Bromochloromethane	5.00	49	77058	46.894	ug/l	99
29) Tetrahydrofuran	5.11	42	302858	222.434	ug/l	97
30) Chloroform	5.19	83	215362	46.514	ug/l	99
31) Cyclohexane	5.56	56	193947	47.372	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	192501	46.912	ug/l	99
36) 1,1-Dichloropropene	5.79	75	161806	48.443	ug/l	99
37) Ethyl Acetate	4.81	43	182540	46.746	ug/l	99
38) Carbon Tetrachloride	5.77	117	166709	49.133	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092519\
 Data File : VX012649.D
 Acq On : 25 Sep 2019 10:09
 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
 9/26/2019 9:33:30 AM

Quant Time: Sep 25 23:21:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	196808	48.944	ug/l	99
40) Benzene	6.13	78	472274	48.055	ug/l	97
41) Methacrylonitrile	5.03	41	102988	47.006	ug/l	96
42) 1,2-Dichloroethane	6.18	62	180402	48.340	ug/l	99
43) Isopropyl Acetate	6.43	43	306660	46.959	ug/l	99
44) Trichloroethene	7.20	130	118563	47.191	ug/l	90
45) 1,2-Dichloropropane	7.50	63	120497	47.890	ug/l	99
46) Dibromomethane	7.65	93	80777	47.152	ug/l	96
47) Bromodichloromethane	7.89	83	167708	48.982	ug/l	98
48) Methyl methacrylate	7.76	41	149567	47.765	ug/l	95
49) 1,4-Dioxane	7.73	88	68234	960.735	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	937577	232.587	ug/l	97
52) Toluene	8.78	92	303590	49.150	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	190655	50.329	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	204487	49.440	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	119191	48.536	ug/l	97
56) Ethyl methacrylate	9.17	69	203758	49.389	ug/l	95
57) 1,3-Dichloropropane	9.36	76	205716	47.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	485820	262.340	ug/l	98
59) 2-Hexanone	9.48	43	769856	249.504	ug/l	96
60) Dibromochloromethane	9.57	129	124163	49.947	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122640	47.987	ug/l	98
64) Tetrachloroethene	9.33	164	109632	51.192	ug/l	96
65) Chlorobenzene	10.14	112	311676	48.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	114291	48.768	ug/l	99
67) Ethyl Benzene	10.25	91	579443	49.391	ug/l	100
68) m/p-Xylenes	10.35	106	433725	98.693	ug/l	99
69) o-Xylene	10.70	106	210206	49.432	ug/l	98
70) Styrene	10.71	104	367735	51.585	ug/l	99
71) Bromoform	10.85	173	82467	50.536	ug/l #	98
73) Isopropylbenzene	11.01	105	569549	47.663	ug/l	100
74) N-amyl acetate	10.89	43	277205	48.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	185670	46.916	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	184516m	47.543	ug/l	
77) Bromobenzene	11.25	156	125719	46.485	ug/l	94
78) n-propylbenzene	11.35	91	657100	48.844	ug/l	99
79) 2-Chlorotoluene	11.42	91	399554	47.610	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	490934	48.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65379	48.277	ug/l	98
82) 4-Chlorotoluene	11.51	91	466469	48.759	ug/l	97
83) tert-Butylbenzene	11.76	119	464350	48.038	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	491894	48.661	ug/l	99
85) sec-Butylbenzene	11.94	105	554536	49.323	ug/l	99
86) p-Isopropyltoluene	12.06	119	513347	50.602	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	235653	48.418	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	240823	48.966	ug/l	99
89) n-Butylbenzene	12.38	91	450482	50.393	ug/l	99
90) Hexachloroethane	12.59	117	88946	49.179	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	237395	48.720	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	47834	48.319	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012649.D
Acq On : 25 Sep 2019 10:09
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
9/26/2019 9:33:30 AM

Quant Time: Sep 25 23:21:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	150773	50.738	ug/l	98
94) Hexachlorobutadiene	13.78	225	66066	51.679	ug/l	99
95) Naphthalene	13.83	128	551029	51.252	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148244	49.801	ug/l	99

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

