

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013183.D
 Acq On : 23 Oct 2019 09:38
 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
 10/25/2019 4:32:28 PM

Quant Time: Oct 24 04:06:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	95077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	136283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	138278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	96274	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.48	113	77040	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	8.71	98	287111	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	115291	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	96986	50.554	ug/l	100
3) Chloromethane	1.32	50	84061	53.144	ug/l	96
4) Vinyl Chloride	1.40	62	85867	49.734	ug/l	99
5) Bromomethane	1.63	94	44476	48.602	ug/l	97
6) Chloroethane	1.71	64	53623	55.794	ug/l	95
7) Trichlorofluoromethane	1.92	101	144025	52.847	ug/l	99
8) Diethyl Ether	2.18	74	49462	52.935	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88034	52.176	ug/l	99
10) Methyl Iodide	2.50	142	105976	49.865	ug/l	99
11) Tert butyl alcohol	3.03	59	111016	257.366	ug/l	100
12) 1,1-Dichloroethene	2.36	96	84269	52.030	ug/l	98
13) Acrolein	2.28	56	62058	265.986	ug/l	95
14) Allyl chloride	2.72	41	132023	51.777	ug/l	100
15) Acrylonitrile	3.13	53	216375	246.856	ug/l	100
16) Acetone	2.43	43	260152	277.684	ug/l	99
17) Carbon Disulfide	2.56	76	223070	51.229	ug/l	100
18) Methyl Acetate	2.76	43	103827	50.739	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	286983	50.317	ug/l	97
20) Methylene Chloride	2.84	84	91789	52.378	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	88538	52.515	ug/l	91
22) Diisopropyl ether	3.84	45	253579	50.862	ug/l	97
23) Vinyl Acetate	3.80	43	1120948	264.525	ug/l	100
24) 1,1-Dichloroethane	3.69	63	154839	50.492	ug/l	99
25) 2-Butanone	4.65	43	321323	255.743	ug/l	99
26) 2,2-Dichloropropane	4.57	77	147764	52.137	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	100258	50.545	ug/l	98
28) Bromochloromethane	5.00	49	41124	52.007	ug/l	99
29) Tetrahydrofuran	5.11	42	184462	243.569	ug/l	98
30) Chloroform	5.20	83	164091	50.257	ug/l	97
31) Cyclohexane	5.57	56	137009	53.275	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	151226	52.092	ug/l	100
36) 1,1-Dichloropropene	5.78	75	123543	54.162	ug/l	99
37) Ethyl Acetate	4.81	43	112701	49.625	ug/l	99
38) Carbon Tetrachloride	5.78	117	133091	52.834	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013183.D
 Acq On : 23 Oct 2019 09:38
 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
 10/25/2019 4:32:28 PM

Quant Time: Oct 24 04:06:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	154744	53.039	ug/l	98
40) Benzene	6.13	78	355709	51.964	ug/l	99
41) Methacrylonitrile	5.03	41	65267	53.604	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133267	51.635	ug/l	98
43) Isopropyl Acetate	6.43	43	197067	52.263	ug/l	99
44) Trichloroethene	7.20	130	99584	51.258	ug/l	98
45) 1,2-Dichloropropane	7.50	63	87271	50.902	ug/l	100
46) Dibromomethane	7.65	93	62991	50.995	ug/l	99
47) Bromodichloromethane	7.89	83	129113	53.635	ug/l	99
48) Methyl methacrylate	7.76	41	94747	50.839	ug/l	98
49) 1,4-Dioxane	7.73	88	48893	1030.794	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	584895	254.487	ug/l	100
52) Toluene	8.78	92	234360	51.661	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	145556	56.900	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	157919	56.431	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90491	50.453	ug/l	96
56) Ethyl methacrylate	9.17	69	147914	54.794	ug/l	98
57) 1,3-Dichloropropane	9.36	76	153103	50.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	303279	287.928	ug/l	100
59) 2-Hexanone	9.48	43	464768	262.523	ug/l	98
60) Dibromochloromethane	9.57	129	102713	54.653	ug/l	98
61) 1,2-Dibromoethane	9.67	107	99360	52.183	ug/l	99
64) Tetrachloroethene	9.33	164	96079	56.566	ug/l	98
65) Chlorobenzene	10.13	112	250746	51.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95671	53.503	ug/l	98
67) Ethyl Benzene	10.25	91	458501	52.910	ug/l	98
68) m/p-Xylenes	10.36	106	344154	105.089	ug/l	100
69) o-Xylene	10.69	106	163990	52.201	ug/l	100
70) Styrene	10.71	104	289754	53.564	ug/l	100
71) Bromoform	10.85	173	75400	57.708	ug/l #	98
73) Isopropylbenzene	11.01	105	457985	51.840	ug/l	99
74) N-amyl acetate	10.89	43	168782	52.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	135970	50.688	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	112529m	47.991	ug/l	
77) Bromobenzene	11.25	156	107452	50.747	ug/l	97
78) n-propylbenzene	11.35	91	512714	53.427	ug/l	99
79) 2-Chlorotoluene	11.42	91	308652	50.905	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	390318	53.154	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46750	54.788	ug/l	98
82) 4-Chlorotoluene	11.51	91	359604	52.343	ug/l	95
83) tert-Butylbenzene	11.76	119	371838	51.181	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	389976	52.651	ug/l	98
85) sec-Butylbenzene	11.94	105	448375	54.232	ug/l	100
86) p-Isopropyltoluene	12.06	119	424104	54.602	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200263	52.353	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	200723	51.538	ug/l	99
89) n-Butylbenzene	12.39	91	360250	56.698	ug/l	96
90) Hexachloroethane	12.59	117	72051	55.392	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191760	50.979	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34854	52.249	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
Data File : VX013183.D
Acq On : 23 Oct 2019 09:38
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
10/25/2019 4:32:28 PM

Quant Time: Oct 24 04:06:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124703	52.649	ug/l	95
94) Hexachlorobutadiene	13.78	225	63361	51.713	ug/l	94
95) Naphthalene	13.83	128	398085	54.761	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	124855	53.344	ug/l	98

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

