

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\
 Data File : VX013219.D
 Acq On : 25 Oct 2019 10:19
 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
 10/28/2019 12:53:14 PM

Quant Time: Oct 25 23:11:28 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	84118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	118175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	121066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	87057	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	5.49	113	67801	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.71	98	244540	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	98923	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	81203	47.842	ug/l	100
3) Chloromethane	1.32	50	64468	46.197	ug/l	94
4) Vinyl Chloride	1.40	62	69531	45.519	ug/l	98
5) Bromomethane	1.63	94	34310	42.377	ug/l	98
6) Chloroethane	1.71	64	44646	52.347	ug/l	99
7) Trichlorofluoromethane	1.92	101	123597	51.269	ug/l	96
8) Diethyl Ether	2.18	74	39374	47.628	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74132	49.661	ug/l	98
10) Methyl Iodide	2.50	142	83699	44.894	ug/l	100
11) Tert butyl alcohol	3.03	59	84445	221.123	ug/l	100
12) 1,1-Dichloroethene	2.36	96	68484	47.792	ug/l	99
13) Acrolein	2.28	56	47163	228.480	ug/l	98
14) Allyl chloride	2.72	41	102923	45.623	ug/l	97
15) Acrylonitrile	3.13	53	176607	227.736	ug/l	100
16) Acetone	2.44	43	209472	252.718	ug/l	97
17) Carbon Disulfide	2.56	76	174292	45.242	ug/l	99
18) Methyl Acetate	2.76	43	85376	47.227	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	244321	48.418	ug/l	99
20) Methylene Chloride	2.85	84	76972	49.660	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	73413	49.246	ug/l	92
22) Diisopropyl ether	3.84	45	208222	47.205	ug/l	97
23) Vinyl Acetate	3.80	43	904091	241.146	ug/l	99
24) 1,1-Dichloroethane	3.69	63	130190	47.985	ug/l	99
25) 2-Butanone	4.65	43	257969	232.069	ug/l	98
26) 2,2-Dichloropropane	4.57	77	123239	49.149	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	81735	46.575	ug/l	99
28) Bromochloromethane	5.00	49	36859	52.686	ug/l	100
29) Tetrahydrofuran	5.11	42	148303	221.336	ug/l	100
30) Chloroform	5.20	83	139501	48.292	ug/l	97
31) Cyclohexane	5.57	56	110360	48.503	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	129544	50.437	ug/l	98
36) 1,1-Dichloropropene	5.79	75	102906	52.024	ug/l	99
37) Ethyl Acetate	4.82	43	93108	47.280	ug/l	99
38) Carbon Tetrachloride	5.77	117	113347	51.891	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\
 Data File : VX013219.D
 Acq On : 25 Oct 2019 10:19
 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
 10/28/2019 12:53:14 PM

Quant Time: Oct 25 23:11:28 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	123813	48.940	ug/l	99
40) Benzene	6.13	78	294599	49.631	ug/l	96
41) Methacrylonitrile	5.03	41	52361	49.593	ug/l	100
42) 1,2-Dichloroethane	6.18	62	115601	51.654	ug/l	100
43) Isopropyl Acetate	6.43	43	159356	48.738	ug/l	100
44) Trichloroethene	7.20	130	83535	49.586	ug/l	95
45) 1,2-Dichloropropane	7.51	63	72519	48.779	ug/l	98
46) Dibromomethane	7.65	93	53364	49.821	ug/l	98
47) Bromodichloromethane	7.89	83	108258	51.863	ug/l	99
48) Methyl methacrylate	7.76	41	77574	48.003	ug/l	99
49) 1,4-Dioxane	7.73	88	36186	879.796	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	473142	237.408	ug/l	100
52) Toluene	8.78	92	193114	49.092	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	119618	53.925	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	128258	52.855	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	76796	49.378	ug/l	97
56) Ethyl methacrylate	9.17	69	119459	51.034	ug/l	100
57) 1,3-Dichloropropane	9.37	76	129925	49.511	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	237789	260.345	ug/l	99
59) 2-Hexanone	9.48	43	373720	243.441	ug/l	98
60) Dibromochloromethane	9.57	129	85964	52.749	ug/l	98
61) 1,2-Dibromoethane	9.67	107	83607	50.638	ug/l	99
64) Tetrachloroethene	9.33	164	83994	56.478	ug/l	99
65) Chlorobenzene	10.14	112	208033	49.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	80274	51.274	ug/l	99
67) Ethyl Benzene	10.25	91	379448	50.013	ug/l	98
68) m/p-Xylenes	10.35	106	288080	100.473	ug/l	98
69) o-Xylene	10.70	106	138414	50.323	ug/l	98
70) Styrene	10.71	104	237399	50.125	ug/l	99
71) Bromoform	10.85	173	61568	53.821	ug/l #	100
73) Isopropylbenzene	11.01	105	378546	48.120	ug/l	98
74) N-amyl acetate	10.89	43	136326	47.216	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	114280	47.844	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	92546m	44.325	ug/l	
77) Bromobenzene	11.25	156	90205	47.843	ug/l	97
78) n-propylbenzene	11.35	91	424924	49.727	ug/l	100
79) 2-Chlorotoluene	11.42	91	252085	46.691	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	300167	45.907	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38323	50.438	ug/l	99
82) 4-Chlorotoluene	11.51	91	280012	45.773	ug/l	98
83) tert-Butylbenzene	11.76	119	296514	45.835	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	321885	48.805	ug/l	98
85) sec-Butylbenzene	11.94	105	349316	47.450	ug/l	100
86) p-Isopropyltoluene	12.06	119	353283	51.081	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	164210	48.210	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	160443	46.265	ug/l	100
89) n-Butylbenzene	12.39	91	277268	49.007	ug/l	98
90) Hexachloroethane	12.59	117	58109	50.170	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	156063	46.594	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27991	47.124	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102519\
Data File : VX013219.D
Acq On : 25 Oct 2019 10:19
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
10/28/2019 12:53:14 PM

Quant Time: Oct 25 23:11:28 2019
Quant Method : Z:\V0ASRV\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	106244	50.374	ug/l	99
94) Hexachlorobutadiene	13.78	225	51776	47.457	ug/l	98
95) Naphthalene	13.83	128	317428	49.038	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	104012	49.907	ug/l	98

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

