

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030220\
 Data File : VX015061.D
 Acq On : 02 Mar 2020 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
 3/3/2020 9:51:18 AM

Quant Time: Mar 02 16:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	410264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	613971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	572607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	228338	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.48	113	191804	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	733596	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	269262	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	180673	46.502	ug/l	98
3) Chloromethane	1.32	50	210431	47.772	ug/l	99
4) Vinyl Chloride	1.41	62	214040	45.107	ug/l	98
5) Bromomethane	1.63	94	125648	40.908	ug/l	99
6) Chloroethane	1.72	64	133975	44.125	ug/l	99
7) Trichlorofluoromethane	1.92	101	274281	41.371	ug/l	98
8) Diethyl Ether	2.18	74	120249	43.739	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	176275	45.805	ug/l	99
10) Methyl Iodide	2.50	142	199891	46.890	ug/l	98
11) Tert butyl alcohol	3.03	59	186481	228.107	ug/l	100
12) 1,1-Dichloroethene	2.37	96	164398	43.717	ug/l	98
13) Acrolein	2.28	56	150073	240.856	ug/l	99
14) Allyl chloride	2.72	41	317629	47.641	ug/l	92
15) Acrylonitrile	3.13	53	526667	254.125	ug/l	99
16) Acetone	2.43	43	575771	230.649	ug/l	95
17) Carbon Disulfide	2.56	76	419372	39.914	ug/l	100
18) Methyl Acetate	2.76	43	254703	54.619	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	588219	48.063	ug/l	99
20) Methylene Chloride	2.85	84	194120	43.583	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	184465	44.456	ug/l	99
22) Diisopropyl ether	3.84	45	673428	52.885	ug/l	87
23) Vinyl Acetate	3.80	43	2775156	264.373	ug/l	99
24) 1,1-Dichloroethane	3.69	63	351703	48.938	ug/l	99
25) 2-Butanone	4.65	43	856823	271.818	ug/l	97
26) 2,2-Dichloropropane	4.57	77	315715	50.976	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	239145	51.559	ug/l	99
28) Bromochloromethane	5.00	49	153850	55.230	ug/l	97
29) Tetrahydrofuran	5.11	42	506292	282.542	ug/l	97
30) Chloroform	5.20	83	374633	52.541	ug/l	100
31) Cyclohexane	5.57	56	335628	51.275	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	318707	51.098	ug/l	100
36) 1,1-Dichloropropene	5.79	75	277003	50.436	ug/l	99
37) Ethyl Acetate	4.81	43	307267	53.641	ug/l	99
38) Carbon Tetrachloride	5.77	117	275269	51.430	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030220\
 Data File : VX015061.D
 Acq On : 02 Mar 2020 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
 3/3/2020 9:51:18 AM

Quant Time: Mar 02 16:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	348772	50.777	ug/l	99
40) Benzene	6.13	78	859215	52.361	ug/l	100
41) Methacrylonitrile	5.03	41	173861	56.340	ug/l	99
42) 1,2-Dichloroethane	6.18	62	300212	50.618	ug/l	97
43) Isopropyl Acetate	6.43	43	516649	54.675	ug/l	99
44) Trichloroethene	7.20	130	239945	50.370	ug/l	99
45) 1,2-Dichloropropane	7.50	63	228599	54.624	ug/l	98
46) Dibromomethane	7.65	93	147560	51.583	ug/l	97
47) Bromodichloromethane	7.89	83	299290	52.766	ug/l	98
48) Methyl methacrylate	7.76	41	256245	55.102	ug/l	98
49) 1,4-Dioxane	7.73	88	88991	1023.499	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1592146	279.040	ug/l	100
52) Toluene	8.78	92	545703	52.359	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	337496	54.293	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	369165	53.758	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	226110	53.622	ug/l	98
56) Ethyl methacrylate	9.17	69	354979	56.007	ug/l	98
57) 1,3-Dichloropropane	9.36	76	377986	53.252	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	943591	284.669	ug/l	98
59) 2-Hexanone	9.48	43	1250786	278.893	ug/l	99
60) Dibromochloromethane	9.57	129	243643	53.691	ug/l	97
61) 1,2-Dibromoethane	9.67	107	234814	51.611	ug/l	100
64) Tetrachloroethene	9.33	164	240276	44.881	ug/l	97
65) Chlorobenzene	10.13	112	599921	51.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	222712	52.820	ug/l	98
67) Ethyl Benzene	10.25	91	1055841	53.455	ug/l	100
68) m/p-Xylenes	10.35	106	808462	106.250	ug/l	99
69) o-Xylene	10.69	106	387726	53.009	ug/l	99
70) Styrene	10.71	104	676463	54.668	ug/l	99
71) Bromoform	10.85	173	188587	53.585	ug/l	100
73) Isopropylbenzene	11.01	105	1040953	54.066	ug/l	100
74) N-amyl acetate	10.89	43	452271	56.534	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	341920	54.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	286531m	51.609	ug/l	
77) Bromobenzene	11.25	156	275304	51.230	ug/l	99
78) n-propylbenzene	11.35	91	1224159	54.972	ug/l	100
79) 2-Chlorotoluene	11.42	91	705742	53.908	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	881363	54.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116828	53.863	ug/l	99
82) 4-Chlorotoluene	11.51	91	827419	53.370	ug/l	100
83) tert-Butylbenzene	11.76	119	849965	55.793	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	890912	54.952	ug/l	100
85) sec-Butylbenzene	11.94	105	1051730	55.573	ug/l	99
86) p-Isopropyltoluene	12.06	119	977110	55.173	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	501360	52.005	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	502422	51.034	ug/l	100
89) n-Butylbenzene	12.39	91	884804	55.785	ug/l	100
90) Hexachloroethane	12.59	117	172505	55.777	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	499765	52.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70498	47.745	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030220\
Data File : VX015061.D
Acq On : 02 Mar 2020 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
3/3/2020 9:51:18 AM

Quant Time: Mar 02 16:16:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	366084	52.461	ug/l	99
94) Hexachlorobutadiene	13.78	225	186675	55.307	ug/l	98
95) Naphthalene	13.83	128	1015218	54.717	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364008	53.992	ug/l	100

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

