

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016575.D
 Acq On : 04 Jun 2020 09:59
 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
 6/5/2020 10:11:54 AM

Quant Time: Jun 05 06:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	257954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	381145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	360548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154903	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	5.46	113	125257	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	8.70	98	482912	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.12	95	184720	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122515	48.262	ug/l	97
3) Chloromethane	1.31	50	129813	42.316	ug/l	99
4) Vinyl Chloride	1.39	62	144748	44.617	ug/l	99
5) Bromomethane	1.62	94	66876	42.396	ug/l	99
6) Chloroethane	1.70	64	87052	46.000	ug/l	99
7) Trichlorofluoromethane	1.91	101	212290	49.826	ug/l	98
8) Diethyl Ether	2.17	74	80687	45.417	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	117375	50.056	ug/l	98
10) Methyl Iodide	2.49	142	105207	38.314	ug/l	99
11) Tert butyl alcohol	3.01	59	168527	205.154	ug/l	99
12) 1,1-Dichloroethene	2.36	96	117206	47.221	ug/l	99
13) Acrolein	2.27	56	88394	252.958	ug/l	96
14) Allyl chloride	2.70	41	195274	42.779	ug/l	97
15) Acrylonitrile	3.11	53	366934	218.060	ug/l	99
16) Acetone	2.42	43	321795	229.279	ug/l	98
17) Carbon Disulfide	2.54	76	321408	43.605	ug/l	99
18) Methyl Acetate	2.75	43	159466	44.299	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	422490	47.402	ug/l	98
20) Methylene Chloride	2.83	84	131588	45.316	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	128948	46.968	ug/l	91
22) Diisopropyl ether	3.82	45	385927	44.011	ug/l	96
23) Vinyl Acetate	3.78	43	1700865	221.598	ug/l	97
24) 1,1-Dichloroethane	3.67	63	227111	45.888	ug/l	99
25) 2-Butanone	4.63	43	503503	211.717	ug/l	97
26) 2,2-Dichloropropane	4.54	77	215089	53.110	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	145623	45.849	ug/l	100
28) Bromochloromethane	4.98	49	97735	42.494	ug/l	88
29) Tetrahydrofuran	5.09	42	319898	208.210	ug/l	95
30) Chloroform	5.17	83	238471	47.819	ug/l	99
31) Cyclohexane	5.54	56	192380	43.206	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	219781	48.679	ug/l	98
36) 1,1-Dichloropropene	5.76	75	177357	49.147	ug/l	98
37) Ethyl Acetate	4.79	43	190209	43.902	ug/l	98
38) Carbon Tetrachloride	5.75	117	197942	52.195	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016575.D
 Acq On : 04 Jun 2020 09:59
 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
 6/5/2020 10:11:54 AM

Quant Time: Jun 05 06:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	199469	50.889	ug/l	96
40) Benzene	6.11	78	523673	48.729	ug/l	99
41) Methacrylonitrile	5.00	41	103353	43.429	ug/l	97
42) 1,2-Dichloroethane	6.16	62	188175	49.238	ug/l	99
43) Isopropyl Acetate	6.41	43	297799	44.066	ug/l	97
44) Trichloroethene	7.18	130	167713	49.188	ug/l	99
45) 1,2-Dichloropropane	7.49	63	133339	48.738	ug/l	97
46) Dibromomethane	7.63	93	91692	49.898	ug/l	98
47) Bromodichloromethane	7.87	83	191665	50.374	ug/l	100
48) Methyl methacrylate	7.74	41	146729	45.346	ug/l	98
49) 1,4-Dioxane	7.71	88	69482	917.560	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	965220	229.379	ug/l	99
52) Toluene	8.76	92	342454	50.534	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	219358	50.701	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	233527	50.994	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	134972	50.093	ug/l	97
56) Ethyl methacrylate	9.16	69	218436	49.778	ug/l	97
57) 1,3-Dichloropropane	9.35	76	230632	49.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	528619	230.790	ug/l	97
59) 2-Hexanone	9.47	43	767164	234.438	ug/l	98
60) Dibromochloromethane	9.57	129	157155	51.829	ug/l	98
61) 1,2-Dibromoethane	9.65	107	147457	51.105	ug/l	99
64) Tetrachloroethene	9.32	164	197749	49.023	ug/l	99
65) Chlorobenzene	10.12	112	367432	49.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	144612	51.538	ug/l	98
67) Ethyl Benzene	10.23	91	648984	49.589	ug/l	99
68) m/p-Xylenes	10.34	106	498371	102.707	ug/l	99
69) o-Xylene	10.68	106	235733	50.164	ug/l	99
70) Styrene	10.70	104	416589	51.575	ug/l	100
71) Bromoform	10.84	173	123148	51.931	ug/l	97
73) Isopropylbenzene	11.00	105	639610	51.018	ug/l	99
74) N-amyl acetate	10.88	43	261272	45.307	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	159063	50.625	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	194237m	48.838	ug/l	
77) Bromobenzene	11.24	156	165633	50.372	ug/l	96
78) n-propylbenzene	11.34	91	715957	51.116	ug/l	99
79) 2-Chlorotoluene	11.40	91	432520	50.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	540993	51.680	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	78475	48.537	ug/l	95
82) 4-Chlorotoluene	11.49	91	510075	50.522	ug/l	100
83) tert-Butylbenzene	11.76	119	467414	52.257	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	546882	51.658	ug/l	99
85) sec-Butylbenzene	11.93	105	597498	53.250	ug/l	100
86) p-Isopropyltoluene	12.05	119	577116	54.907	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	288334	50.614	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	292846	50.263	ug/l	99
89) n-Butylbenzene	12.37	91	471613	53.869	ug/l	99
90) Hexachloroethane	12.58	117	95877	52.810	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	272724	49.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47284	46.461	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
Data File : VX016575.D
Acq On : 04 Jun 2020 09:59
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
6/5/2020 10:11:54 AM

Quant Time: Jun 05 06:23:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	199899	54.535	ug/l	98
94) Hexachlorobutadiene	13.77	225	87071	60.501	ug/l	98
95) Naphthalene	13.82	128	641623	51.060	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	195207	54.358	ug/l	97

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

