

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009818.D
 Acq On : 22 May 2019 21:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:45:16 AM

Quant Time: May 23 08:22:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106291	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
35) Dibromofluoromethane	5.50	113	75476	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	
50) Toluene-d8	8.71	98	311128	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
62) 4-Bromofluorobenzene	11.13	95	114114	43.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66445	41.157	ug/l	98
3) Chloromethane	1.32	50	100957	45.803	ug/l	100
4) Vinyl Chloride	1.41	62	98369	45.768	ug/l	98
5) Bromomethane	1.64	94	63933	49.559	ug/l	96
6) Chloroethane	1.71	64	61140	44.306	ug/l	100
7) Trichlorofluoromethane	1.92	101	118228	45.253	ug/l	100
8) Diethyl Ether	2.19	74	55273	44.664	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70912	43.222	ug/l	99
10) Methyl Iodide	2.51	142	87000	46.040	ug/l	98
11) Tert butyl alcohol	3.06	59	139890	252.691	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73494	44.709	ug/l	99
13) Acrolein	2.29	56	98161	195.790	ug/l	99
14) Allyl chloride	2.73	41	181137	45.216	ug/l	98
15) Acrylonitrile	3.14	53	309416	228.588	ug/l	100
16) Acetone	2.45	43	276792	215.535	ug/l	97
17) Carbon Disulfide	2.57	76	215320	46.655	ug/l	99
18) Methyl Acetate	2.78	43	135157	44.254	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	288943	45.265	ug/l	99
20) Methylene Chloride	2.85	84	89808	43.191	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	80173	44.972	ug/l	98
22) Diisopropyl ether	3.85	45	353773	45.920	ug/l	96
23) Vinyl Acetate	3.81	43	1595717	241.882	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169096	44.493	ug/l	99
25) 2-Butanone	4.67	43	468014	234.521	ug/l	98
26) 2,2-Dichloropropane	4.58	77	111337	39.357	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	92922	43.668	ug/l	99
28) Bromochloromethane	5.01	49	83533	54.868	ug/l	98
29) Tetrahydrofuran	5.13	42	310821	242.040	ug/l	97
30) Chloroform	5.21	83	154415	44.923	ug/l	100
31) Cyclohexane	5.58	56	164306	46.468	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	129529	45.268	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119519	45.501	ug/l	99
37) Ethyl Acetate	4.83	43	173924	47.523	ug/l	99
38) Carbon Tetrachloride	5.78	117	108099	45.295	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009818.D
 Acq On : 22 May 2019 21:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:45:16 AM

Quant Time: May 23 08:22:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	144475	44.786	ug/l	98
40) Benzene	6.14	78	365503	44.961	ug/l	98
41) Methacrylonitrile	5.04	41	99927	45.868	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134720	46.199	ug/l	98
43) Isopropyl Acetate	6.45	43	279355	47.720	ug/l	99
44) Trichloroethene	7.21	130	84822	43.161	ug/l	94
45) 1,2-Dichloropropane	7.51	63	104172	45.255	ug/l	98
46) Dibromomethane	7.66	93	59079	44.197	ug/l	99
47) Bromodichloromethane	7.90	83	119704	44.893	ug/l	98
48) Methyl methacrylate	7.77	41	140643	48.425	ug/l	98
49) 1,4-Dioxane	7.74	88	53935	915.711	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	937939	245.128	ug/l	98
52) Toluene	8.79	92	223143	45.156	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139054	46.191	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	152580	45.792	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90259	44.771	ug/l	97
56) Ethyl methacrylate	9.18	69	167393	46.515	ug/l	95
57) 1,3-Dichloropropane	9.37	76	158224	44.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	426678	223.497	ug/l	100
59) 2-Hexanone	9.49	43	728256	242.336	ug/l	98
60) Dibromochloromethane	9.58	129	91247	46.342	ug/l	99
61) 1,2-Dibromoethane	9.67	107	91964	45.190	ug/l	98
64) Tetrachloroethene	9.34	164	77264	43.287	ug/l	96
65) Chlorobenzene	10.13	112	230561	44.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	83608	44.304	ug/l	100
67) Ethyl Benzene	10.25	91	430959	44.986	ug/l	100
68) m/p-Xylenes	10.36	106	317696	90.751	ug/l	98
69) o-Xylene	10.69	106	154449	44.716	ug/l	98
70) Styrene	10.71	104	274587	45.739	ug/l	99
71) Bromoform	10.85	173	70046	45.675	ug/l #	99
73) Isopropylbenzene	11.02	105	415195	43.413	ug/l	100
74) N-amyl acetate	10.90	43	260128	46.653	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	154035	43.204	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	133948m	43.906	ug/l	
77) Bromobenzene	11.26	156	103105	43.435	ug/l	99
78) n-propylbenzene	11.36	91	482458	44.171	ug/l	100
79) 2-Chlorotoluene	11.42	91	287076	42.602	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	357079	44.342	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51146	42.896	ug/l	97
82) 4-Chlorotoluene	11.51	91	333660	43.829	ug/l	100
83) tert-Butylbenzene	11.77	119	338965	43.270	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	354255	43.827	ug/l	100
85) sec-Butylbenzene	11.94	105	405619	43.674	ug/l	100
86) p-Isopropyltoluene	12.06	119	369345	44.236	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184306	43.553	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	182717	42.827	ug/l	99
89) n-Butylbenzene	12.38	91	338297	44.828	ug/l	99
90) Hexachloroethane	12.60	117	62940	44.247	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	184647	42.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35489	44.373	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009818.D
Acq On : 22 May 2019 21:24
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:45:16 AM

Quant Time: May 23 08:22:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129563	43.957	ug/l	98
94) Hexachlorobutadiene	13.78	225	65210	43.324	ug/l	99
95) Naphthalene	13.83	128	421289	43.933	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	130324	43.620	ug/l	99

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

