

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103120\
 Data File : VX019189.D
 Acq On : 29 Oct 2020 15:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:36 PM

Quant Time: Oct 30 04:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	272329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	444427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171908	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.46	113	140915	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.70	98	535690	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.12	95	205016	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119904	52.814	ug/l	100
3) Chloromethane	1.31	50	135166	53.291	ug/l	99
4) Vinyl Chloride	1.39	62	155190	52.759	ug/l	99
5) Bromomethane	1.63	94	97008	48.291	ug/l	99
6) Chloroethane	1.71	64	101778	54.193	ug/l	96
7) Trichlorofluoromethane	1.92	101	245292	53.080	ug/l	99
8) Diethyl Ether	2.17	74	95308	53.739	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138527	54.082	ug/l	99
10) Methyl Iodide	2.49	142	172568	56.175	ug/l	100
11) Tert butyl alcohol	3.01	59	184964	266.644	ug/l	98
12) 1,1-Dichloroethene	2.36	96	135396	51.297	ug/l	100
13) Acrolein	2.27	56	82454	265.500	ug/l	99
14) Allyl chloride	2.71	41	216313	54.107	ug/l	99
15) Acrylonitrile	3.11	53	393643	270.052	ug/l	99
16) Acetone	2.42	43	342813	282.945	ug/l	99
17) Carbon Disulfide	2.55	76	373862	49.696	ug/l	100
18) Methyl Acetate	2.75	43	157375	53.416	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	491578	53.752	ug/l	99
20) Methylene Chloride	2.83	84	156691	51.514	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	155724	51.263	ug/l	99
22) Diisopropyl ether	3.82	45	440427	55.260	ug/l	92
23) Vinyl Acetate	3.78	43	1982121	278.878	ug/l	99
24) 1,1-Dichloroethane	3.67	63	270285	54.314	ug/l	100
25) 2-Butanone	4.63	43	537854	281.678	ug/l	98
26) 2,2-Dichloropropane	4.54	77	252730	54.023	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	175997	51.847	ug/l	98
28) Bromochloromethane	4.98	49	127371	56.302	ug/l	95
29) Tetrahydrofuran	5.08	42	335465	278.780	ug/l	99
30) Chloroform	5.17	83	285179	53.840	ug/l	94
31) Cyclohexane	5.54	56	235834	53.122	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	256795	53.474	ug/l	99
36) 1,1-Dichloropropene	5.76	75	216746	52.814	ug/l	99
37) Ethyl Acetate	4.79	43	209896	55.085	ug/l	99
38) Carbon Tetrachloride	5.75	117	223690	53.474	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103120\
 Data File : VX019189.D
 Acq On : 29 Oct 2020 15:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:36 PM

Quant Time: Oct 30 04:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	266041	54.215	ug/l	99
40) Benzene	6.11	78	628123	53.981	ug/l	99
41) Methacrylonitrile	4.99	41	112917	55.027	ug/l	99
42) 1,2-Dichloroethane	6.15	62	230426	53.732	ug/l	100
43) Isopropyl Acetate	6.40	43	345936	54.220	ug/l	100
44) Trichloroethene	7.18	130	170678	51.217	ug/l	96
45) 1,2-Dichloropropane	7.49	63	159031	55.799	ug/l	99
46) Dibromomethane	7.63	93	110745	52.548	ug/l	98
47) Bromodichloromethane	7.87	83	227184	54.690	ug/l	99
48) Methyl methacrylate	7.74	41	170802	55.620	ug/l	98
49) 1,4-Dioxane	7.72	88	74735	1094.330	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1046169	285.289	ug/l	100
52) Toluene	8.76	92	405765	54.143	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	255703	53.893	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	272900	54.697	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	162037	54.722	ug/l	98
56) Ethyl methacrylate	9.16	69	250762	56.066	ug/l	99
57) 1,3-Dichloropropane	9.35	76	271746	54.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	524504	209.688	ug/l	98
59) 2-Hexanone	9.47	43	814350	291.736	ug/l	100
60) Dibromochloromethane	9.56	129	176733	54.996	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171226	54.075	ug/l	98
64) Tetrachloroethene	9.32	164	159251	51.291	ug/l	98
65) Chlorobenzene	10.12	112	434603	52.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	162527	54.202	ug/l	99
67) Ethyl Benzene	10.23	91	787327	53.047	ug/l	99
68) m/p-Xylenes	10.34	106	602556	108.169	ug/l	99
69) o-Xylene	10.68	106	285248	53.988	ug/l	100
70) Styrene	10.70	104	488289	54.164	ug/l	99
71) Bromoform	10.84	173	130066	54.708	ug/l	97
73) Isopropylbenzene	11.00	105	779385	54.597	ug/l	100
74) N-amyl acetate	10.88	43	298954	57.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	235938	52.884	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229992m	55.232	ug/l	
77) Bromobenzene	11.24	156	187489	52.919	ug/l	96
78) n-propylbenzene	11.34	91	905135	55.544	ug/l	100
79) 2-Chlorotoluene	11.40	91	532803	55.536	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	659525	54.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	86491	54.689	ug/l	100
82) 4-Chlorotoluene	11.49	91	630932	53.854	ug/l	99
83) tert-Butylbenzene	11.76	119	639356	55.369	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	669985	55.030	ug/l	100
85) sec-Butylbenzene	11.93	105	777750	56.158	ug/l	99
86) p-Isopropyltoluene	12.05	119	717772	56.151	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341611	51.775	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	345719	50.337	ug/l	99
89) n-Butylbenzene	12.37	91	656528	54.640	ug/l	99
90) Hexachloroethane	12.58	117	121761	56.040	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	322464	50.898	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57622	52.760	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
Data File : VX019189.D
Acq On : 29 Oct 2020 15:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:36 PM

Quant Time: Oct 30 04:05:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	236291	49.653	ug/l	100
94) Hexachlorobutadiene	13.77	225	105363	50.296	ug/l	95
95) Naphthalene	13.82	128	753500	50.273	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	231694	50.187	ug/l	98

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

