

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016248.D
 Acq On : 14 May 2020 22:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 10:10:30 AM

Quant Time: May 15 04:29:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	246056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	382680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195240	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	161325	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.47	113	130457	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.70	98	510262	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.12	95	200563	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	135528	52.037	ug/l	98
3) Chloromethane	1.31	50	146471	48.426	ug/l	98
4) Vinyl Chloride	1.39	62	157966	48.952	ug/l	99
5) Bromomethane	1.62	94	70962	43.619	ug/l	97
6) Chloroethane	1.70	64	97322	49.567	ug/l	99
7) Trichlorofluoromethane	1.91	101	207602	49.003	ug/l	100
8) Diethyl Ether	2.17	74	86505	48.462	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119344	48.827	ug/l	98
10) Methyl Iodide	2.49	142	130004	39.598	ug/l	100
11) Tert butyl alcohol	3.03	59	195739	239.065	ug/l	100
12) 1,1-Dichloroethene	2.36	96	122827	48.021	ug/l	99
13) Acrolein	2.27	56	145428	283.841	ug/l	99
14) Allyl chloride	2.70	41	225222	48.024	ug/l	96
15) Acrylonitrile	3.12	53	439915	258.996	ug/l	98
16) Acetone	2.42	43	343355	237.666	ug/l	96
17) Carbon Disulfide	2.55	76	348336	45.330	ug/l	99
18) Methyl Acetate	2.75	43	190262	53.562	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	467652	53.037	ug/l	99
20) Methylene Chloride	2.83	84	146148	49.072	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	138450	48.574	ug/l	97
22) Diisopropyl ether	3.82	45	448375	50.678	ug/l	98
23) Vinyl Acetate	3.79	43	1972279	253.376	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256336	51.792	ug/l	99
25) 2-Butanone	4.64	43	594050	255.177	ug/l	99
26) 2,2-Dichloropropane	4.56	77	195815	43.322	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	160742	51.585	ug/l	97
28) Bromochloromethane	4.98	49	116507	51.624	ug/l	97
29) Tetrahydrofuran	5.09	42	388086	251.590	ug/l	97
30) Chloroform	5.18	83	256698	52.091	ug/l	100
31) Cyclohexane	5.55	56	221373	49.216	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	230843	51.535	ug/l	99
36) 1,1-Dichloropropene	5.77	75	191558	47.996	ug/l	99
37) Ethyl Acetate	4.80	43	226442	48.952	ug/l	99
38) Carbon Tetrachloride	5.76	117	205148	50.571	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016248.D
 Acq On : 14 May 2020 22:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 10:10:30 AM

Quant Time: May 15 04:29:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	212642	44.242	ug/l	99
40) Benzene	6.12	78	588186	50.368	ug/l	99
41) Methacrylonitrile	5.01	41	119743	47.933	ug/l	97
42) 1,2-Dichloroethane	6.17	62	203562	48.390	ug/l	99
43) Isopropyl Acetate	6.42	43	362191	49.073	ug/l	98
44) Trichloroethene	7.19	130	187682	45.239	ug/l	98
45) 1,2-Dichloropropane	7.49	63	153310	51.884	ug/l	99
46) Dibromomethane	7.64	93	100034	49.817	ug/l	99
47) Bromodichloromethane	7.88	83	210317	51.426	ug/l	98
48) Methyl methacrylate	7.75	41	170507	48.754	ug/l	95
49) 1,4-Dioxane	7.71	88	77535	924.394	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1151102	254.866	ug/l	98
52) Toluene	8.77	92	366862	50.401	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	240974	49.419	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	252172	49.512	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	148484	51.849	ug/l	97
56) Ethyl methacrylate	9.16	69	246130	52.652	ug/l	95
57) 1,3-Dichloropropane	9.35	76	260053	52.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	632308	254.077	ug/l	100
59) 2-Hexanone	9.48	43	884400	249.343	ug/l	97
60) Dibromochloromethane	9.57	129	166106	52.664	ug/l	98
61) 1,2-Dibromoethane	9.66	107	160607	51.775	ug/l	99
64) Tetrachloroethene	9.32	164	215331	45.836	ug/l	99
65) Chlorobenzene	10.12	112	398974	49.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	151225	51.061	ug/l	99
67) Ethyl Benzene	10.24	91	701668	49.078	ug/l	99
68) m/p-Xylenes	10.34	106	535063	99.889	ug/l	99
69) o-Xylene	10.68	106	259118	50.325	ug/l	99
70) Styrene	10.70	104	457989	52.430	ug/l	99
71) Bromoform	10.84	173	129366	53.614	ug/l #	98
73) Isopropylbenzene	11.01	105	695164	48.953	ug/l	99
74) N-amyl acetate	10.88	43	315307	47.602	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	173325	60.519	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	216926m	48.962	ug/l	
77) Bromobenzene	11.24	156	178188	48.613	ug/l	100
78) n-propylbenzene	11.35	91	793087	48.007	ug/l	100
79) 2-Chlorotoluene	11.41	91	475764	48.789	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	591148	49.303	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	87952	47.308	ug/l	97
82) 4-Chlorotoluene	11.49	91	565301	49.091	ug/l	100
83) tert-Butylbenzene	11.76	119	506673	49.035	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	600418	49.532	ug/l	99
85) sec-Butylbenzene	11.93	105	654514	46.914	ug/l	99
86) p-Isopropyltoluene	12.05	119	611130	47.180	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	318488	48.392	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	317743	47.567	ug/l	98
89) n-Butylbenzene	12.37	91	518494	43.816	ug/l	99
90) Hexachloroethane	12.58	117	110131	49.506	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	306016	48.289	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56660	48.524	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
Data File : VX016248.D
Acq On : 14 May 2020 22:03
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/15/2020 10:10:30 AM

Quant Time: May 15 04:29:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216962	46.242	ug/l	98
94) Hexachlorobutadiene	13.77	225	76602	38.043	ug/l	98
95) Naphthalene	13.82	128	751967	49.497	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	212396	46.320	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016248.D
 Acq On : 14 May 2020 22:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 10:10:30 AM

Quant Time: May 15 04:29:58 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

