

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014714.D
 Acq On : 27 Jan 2020 09:47
 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
 1/28/2020 11:18:15 AM

Quant Time: Jan 28 03:28:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	694649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	637221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	244372	44.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.16%	
35) Dibromofluoromethane	5.48	113	201034	45.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.72%	
50) Toluene-d8	8.71	98	777521	46.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.28%	
62) 4-Bromofluorobenzene	11.13	95	272425	45.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	301148	47.820	ug/l	99
3) Chloromethane	1.32	50	301147	47.423	ug/l	99
4) Vinyl Chloride	1.40	62	346622	50.483	ug/l	99
5) Bromomethane	1.63	94	208217	44.646	ug/l	100
6) Chloroethane	1.71	64	188566	47.945	ug/l	97
7) Trichlorofluoromethane	1.92	101	374435	46.835	ug/l	98
8) Diethyl Ether	2.18	74	162099	46.452	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227991	48.578	ug/l	99
10) Methyl Iodide	2.50	142	306391	49.752	ug/l	98
11) Tert butyl alcohol	3.03	59	240154	195.140	ug/l	99
12) 1,1-Dichloroethene	2.36	96	217446	46.599	ug/l	94
13) Acrolein	2.28	56	480188	494.857	ug/l	99
14) Allyl chloride	2.72	41	409568	48.831	ug/l	99
15) Acrylonitrile	3.13	53	648451	227.727	ug/l	100
16) Acetone	2.43	43	830316	276.363	ug/l	99
17) Carbon Disulfide	2.56	76	604532	47.401	ug/l	99
18) Methyl Acetate	2.76	43	395141	46.078	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	732902	47.952	ug/l	98
20) Methylene Chloride	2.84	84	251409	45.225	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	237853	46.294	ug/l	98
22) Diisopropyl ether	3.84	45	822208	49.272	ug/l	95
23) Vinyl Acetate	3.80	43	3204312	251.901	ug/l	99
24) 1,1-Dichloroethane	3.69	63	434838	47.983	ug/l	99
25) 2-Butanone	4.65	43	1052259	244.463	ug/l	97
26) 2,2-Dichloropropane	4.57	77	358136	49.373	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	267527	46.524	ug/l	99
28) Bromochloromethane	5.00	49	180968	45.443	ug/l	100
29) Tetrahydrofuran	5.11	42	580491	227.223	ug/l	99
30) Chloroform	5.19	83	427161	47.582	ug/l	97
31) Cyclohexane	5.57	56	411416	48.268	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	361049	47.580	ug/l	99
36) 1,1-Dichloropropene	5.79	75	324291	50.241	ug/l	99
37) Ethyl Acetate	4.81	43	355769	48.124	ug/l	99
38) Carbon Tetrachloride	5.78	117	312097	50.628	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014714.D
 Acq On : 27 Jan 2020 09:47
 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
 1/28/2020 11:18:15 AM

Quant Time: Jan 28 03:28:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	415192	51.346	ug/l	96
40) Benzene	6.13	78	984154	49.347	ug/l	98
41) Methacrylonitrile	5.03	41	202167	47.923	ug/l	98
42) 1,2-Dichloroethane	6.18	62	343966	49.944	ug/l	99
43) Isopropyl Acetate	6.43	43	575197	47.514	ug/l	99
44) Trichloroethene	7.20	130	271905	48.267	ug/l	93
45) 1,2-Dichloropropane	7.50	63	260604	50.722	ug/l	99
46) Dibromomethane	7.65	93	166271	49.967	ug/l	99
47) Bromodichloromethane	7.89	83	333377	51.080	ug/l	98
48) Methyl methacrylate	7.76	41	289570	50.062	ug/l	99
49) 1,4-Dioxane	7.73	88	106084	865.209	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1825272	238.888	ug/l	99
52) Toluene	8.78	92	625025	50.983	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	373674	53.173	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	413858	53.533	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	250036	49.815	ug/l	99
56) Ethyl methacrylate	9.17	69	394690	46.512	ug/l	100
57) 1,3-Dichloropropane	9.36	76	423664	49.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	663042	262.670	ug/l	99
59) 2-Hexanone	9.48	43	1484134	250.315	ug/l	99
60) Dibromochloromethane	9.57	129	270020	51.540	ug/l	100
61) 1,2-Dibromoethane	9.67	107	259479	48.895	ug/l	100
64) Tetrachloroethene	9.33	164	288782	45.783	ug/l	96
65) Chlorobenzene	10.14	112	667074	48.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	251664	50.079	ug/l	99
67) Ethyl Benzene	10.25	91	1184500	50.896	ug/l	99
68) m/p-Xylenes	10.35	106	914669	103.742	ug/l	100
69) o-Xylene	10.70	106	438020	51.461	ug/l	98
70) Styrene	10.71	104	765308	53.600	ug/l	100
71) Bromoform	10.85	173	207171	51.839	ug/l #	100
73) Isopropylbenzene	11.01	105	1160575	51.367	ug/l	100
74) N-amyl acetate	10.89	43	507573	51.265	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	373434	46.291	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	313156m	41.888	ug/l	
77) Bromobenzene	11.25	156	300438	49.497	ug/l	100
78) n-propylbenzene	11.35	91	1347440	52.539	ug/l	100
79) 2-Chlorotoluene	11.42	91	787503	50.749	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	990177	52.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	133010	50.631	ug/l	98
82) 4-Chlorotoluene	11.51	91	920525	52.107	ug/l	100
83) tert-Butylbenzene	11.76	119	912945	51.810	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	987520	52.502	ug/l	99
85) sec-Butylbenzene	11.94	105	1151833	53.358	ug/l	100
86) p-Isopropyltoluene	12.06	119	1067866	53.529	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	540647	49.562	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	544206	49.804	ug/l	100
89) n-Butylbenzene	12.38	91	947061	54.507	ug/l	100
90) Hexachloroethane	12.59	117	191406	51.655	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	538784	49.730	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78981	45.569	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
Data File : VX014714.D
Acq On : 27 Jan 2020 09:47
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
1/28/2020 11:18:15 AM

Quant Time: Jan 28 03:28:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	373428	53.461	ug/l	98
94) Hexachlorobutadiene	13.77	225	184106	51.210	ug/l	97
95) Naphthalene	13.83	128	1082468	48.093	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	378281	53.559	ug/l	99

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

