

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122719\
 Data File : VX014328.D
 Acq On : 27 Dec 2019 22:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:23 AM

Quant Time: Dec 30 06:48:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	478556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	747310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	678882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	332021	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	268282	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	5.49	113	221999	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
50) Toluene-d8	8.71	98	860025	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.13	95	307520	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	179415	41.907	ug/l	99
3) Chloromethane	1.32	50	253566	44.132	ug/l	100
4) Vinyl Chloride	1.40	62	274673	45.306	ug/l	100
5) Bromomethane	1.63	94	192485	44.733	ug/l	98
6) Chloroethane	1.71	64	176342	47.128	ug/l	99
7) Trichlorofluoromethane	1.92	101	351580	46.846	ug/l	97
8) Diethyl Ether	2.18	74	166845	47.369	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215508	47.637	ug/l	99
10) Methyl Iodide	2.50	142	259699	43.869	ug/l	100
11) Tert butyl alcohol	3.03	59	287581	245.386	ug/l	98
12) 1,1-Dichloroethene	2.36	96	217855	47.325	ug/l	98
13) Acrolein	2.28	56	186086	277.383	ug/l	99
14) Allyl chloride	2.72	41	405565	49.343	ug/l	97
15) Acrylonitrile	3.13	53	724087	264.708	ug/l	99
16) Acetone	2.43	43	597839	169.783	ug/l	100
17) Carbon Disulfide	2.56	76	537930	42.211	ug/l	97
18) Methyl Acetate	2.76	43	397609	56.985	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	763975	50.504	ug/l	98
20) Methylene Chloride	2.85	84	257879	46.507	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	234292	46.198	ug/l	97
22) Diisopropyl ether	3.84	45	840731	51.330	ug/l	91
23) Vinyl Acetate	3.80	43	2336934	174.840	ug/l	99
24) 1,1-Dichloroethane	3.69	63	450086	49.392	ug/l	100
25) 2-Butanone	4.65	43	996094	229.451	ug/l	98
26) 2,2-Dichloropropane	4.58	77	304420	43.027	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	283384	49.408	ug/l	96
28) Bromochloromethane	5.00	49	187402	53.442	ug/l	98
29) Tetrahydrofuran	5.11	42	650582	267.933	ug/l	98
30) Chloroform	5.20	83	431127	49.908	ug/l	98
31) Cyclohexane	5.57	56	392258	48.399	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	358486	48.692	ug/l	99
36) 1,1-Dichloropropene	5.79	75	320570	46.751	ug/l	100
37) Ethyl Acetate	4.82	43	391242	51.669	ug/l	99
38) Carbon Tetrachloride	5.78	117	299330	47.919	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122719\
 Data File : VX014328.D
 Acq On : 27 Dec 2019 22:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:23 AM

Quant Time: Dec 30 06:48:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384923	45.463	ug/l	98
40) Benzene	6.14	78	1006544	47.708	ug/l	99
41) Methacrylonitrile	5.03	41	216296	51.482	ug/l	99
42) 1,2-Dichloroethane	6.19	62	344148	48.121	ug/l	99
43) Isopropyl Acetate	6.43	43	638098	50.920	ug/l	99
44) Trichloroethene	7.20	130	283507	48.650	ug/l	98
45) 1,2-Dichloropropane	7.51	63	270507	50.023	ug/l	97
46) Dibromomethane	7.65	93	167968	46.981	ug/l	100
47) Bromodichloromethane	7.89	83	337395	50.107	ug/l	100
48) Methyl methacrylate	7.76	41	311897	50.828	ug/l	98
49) 1,4-Dioxane	7.73	88	113275	907.110	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2000425	254.186	ug/l	100
52) Toluene	8.78	92	625466	46.902	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	363215	49.194	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	412002	50.088	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	262700	49.151	ug/l	99
56) Ethyl methacrylate	9.17	69	420144	50.043	ug/l	100
57) 1,3-Dichloropropane	9.37	76	444344	49.413	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	834081	262.519	ug/l	99
59) 2-Hexanone	9.48	43	1519774	239.889	ug/l	100
60) Dibromochloromethane	9.57	129	271602	51.123	ug/l	99
61) 1,2-Dibromoethane	9.67	107	272657	49.860	ug/l	99
64) Tetrachloroethene	9.33	164	388517	64.675	ug/l	97
65) Chlorobenzene	10.14	112	670043	46.419	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	254165	49.314	ug/l	100
67) Ethyl Benzene	10.25	91	1189631	47.937	ug/l	98
68) m/p-Xylenes	10.36	106	897358	94.015	ug/l	99
69) o-Xylene	10.70	106	443467	47.373	ug/l	99
70) Styrene	10.71	104	761920	48.133	ug/l	99
71) Bromoform	10.85	173	208442	50.312	ug/l	99
73) Isopropylbenzene	11.01	105	1158640	49.564	ug/l	100
74) N-amyl acetate	10.89	43	550349	50.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	367350	45.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	329847m	45.760	ug/l	
77) Bromobenzene	11.25	156	301510	46.878	ug/l	99
78) n-propylbenzene	11.35	91	1315576	50.172	ug/l	100
79) 2-Chlorotoluene	11.42	91	777916	48.805	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	965272	49.063	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	128408	50.281	ug/l	99
82) 4-Chlorotoluene	11.51	91	889407	48.105	ug/l	99
83) tert-Butylbenzene	11.76	119	825559	43.119	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	975562	49.515	ug/l	99
85) sec-Butylbenzene	11.94	105	1130174	50.002	ug/l	100
86) p-Isopropyltoluene	12.06	119	1021315	49.398	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	524058	46.490	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	529283	46.178	ug/l	99
89) n-Butylbenzene	12.39	91	876906	49.707	ug/l	100
90) Hexachloroethane	12.59	117	179502	48.336	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	530840	46.780	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	83303	46.448	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
Data File : VX014328.D
Acq On : 27 Dec 2019 22:44
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
12/30/2019 11:04:23 AM

Quant Time: Dec 30 06:48:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	356252	48.303	ug/l	99
94) Hexachlorobutadiene	13.78	225	164217	46.329	ug/l	98
95) Naphthalene	13.83	128	1101879	50.850	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	356173	48.921	ug/l	97

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

