

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014759.D
 Acq On : 29 Jan 2020 10:21
 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
 1/30/2020 10:44:03 AM

Quant Time: Jan 29 23:04:04 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	447877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	653581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	238834	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	5.48	113	199033	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.71	98	766144	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.13	95	272313	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	290424	48.328	ug/l	99
3) Chloromethane	1.32	50	278886	46.029	ug/l	98
4) Vinyl Chloride	1.40	62	329181	50.248	ug/l	99
5) Bromomethane	1.63	94	205389	46.157	ug/l	100
6) Chloroethane	1.72	64	180208	48.025	ug/l	98
7) Trichlorofluoromethane	1.92	101	369074	48.384	ug/l	99
8) Diethyl Ether	2.18	74	155138	46.595	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222792	49.752	ug/l	99
10) Methyl Iodide	2.50	142	291566	49.621	ug/l	99
11) Tert butyl alcohol	3.03	59	225919	192.399	ug/l	100
12) 1,1-Dichloroethene	2.37	96	216888	48.714	ug/l	97
13) Acrolein	2.28	56	255245	275.688	ug/l	99
14) Allyl chloride	2.72	41	385886	48.219	ug/l	99
15) Acrylonitrile	3.13	53	616791	227.022	ug/l	100
16) Acetone	2.43	43	631026	220.159	ug/l	100
17) Carbon Disulfide	2.56	76	563726	46.326	ug/l	100
18) Methyl Acetate	2.76	43	373448	45.642	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	718510	49.270	ug/l	99
20) Methylene Chloride	2.84	84	243159	45.843	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	230916	47.104	ug/l	98
22) Diisopropyl ether	3.84	45	788434	49.519	ug/l	94
23) Vinyl Acetate	3.80	43	3069354	252.891	ug/l	99
24) 1,1-Dichloroethane	3.69	63	419380	48.502	ug/l	99
25) 2-Butanone	4.65	43	916318	223.115	ug/l	100
26) 2,2-Dichloropropane	4.57	77	352927	50.993	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	266560	48.584	ug/l	98
28) Bromochloromethane	5.00	49	169323	44.563	ug/l	97
29) Tetrahydrofuran	5.11	42	539055	221.147	ug/l	99
30) Chloroform	5.20	83	408948	47.743	ug/l	99
31) Cyclohexane	5.57	56	396223	48.720	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	357900	49.432	ug/l	98
36) 1,1-Dichloropropene	5.79	75	318413	52.431	ug/l	98
37) Ethyl Acetate	4.81	43	335291	48.204	ug/l	99
38) Carbon Tetrachloride	5.77	117	305879	52.737	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014759.D
 Acq On : 29 Jan 2020 10:21
 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
 1/30/2020 10:44:03 AM

Quant Time: Jan 29 23:04:04 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	410153	53.910	ug/l	96
40) Benzene	6.13	78	959885	51.154	ug/l	99
41) Methacrylonitrile	5.02	41	187093	47.133	ug/l	98
42) 1,2-Dichloroethane	6.18	62	330817	51.053	ug/l	99
43) Isopropyl Acetate	6.43	43	557615	48.956	ug/l	99
44) Trichloroethene	7.20	130	265441	50.080	ug/l	96
45) 1,2-Dichloropropane	7.50	63	247626	51.224	ug/l	100
46) Dibromomethane	7.65	93	159947	51.087	ug/l	98
47) Bromodichloromethane	7.89	83	328987	53.575	ug/l	98
48) Methyl methacrylate	7.76	41	281766	51.774	ug/l	99
49) 1,4-Dioxane	7.73	88	100061	867.365	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1735091	241.355	ug/l	100
52) Toluene	8.78	92	604426	52.401	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	361859	54.727	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	402830	55.380	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	245817	52.052	ug/l	99
56) Ethyl methacrylate	9.17	69	385154	48.174	ug/l	100
57) 1,3-Dichloropropane	9.36	76	414746	51.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	692681	291.654	ug/l	100
59) 2-Hexanone	9.48	43	1343914	240.908	ug/l	100
60) Dibromochloromethane	9.57	129	264627	53.684	ug/l	100
61) 1,2-Dibromoethane	9.67	107	255475	51.165	ug/l	100
64) Tetrachloroethene	9.33	164	280689	47.070	ug/l	99
65) Chlorobenzene	10.13	112	653774	50.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	248974	52.405	ug/l	99
67) Ethyl Benzene	10.25	91	1180826	53.669	ug/l	100
68) m/p-Xylenes	10.35	106	897989	107.732	ug/l	100
69) o-Xylene	10.69	106	431144	53.578	ug/l	98
70) Styrene	10.71	104	741164	54.907	ug/l	99
71) Bromoform	10.85	173	202355	53.559	ug/l #	99
73) Isopropylbenzene	11.01	105	1152896	52.979	ug/l	100
74) N-amyl acetate	10.89	43	492369	51.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	364045	46.854	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	313157m	43.491	ug/l	
77) Bromobenzene	11.25	156	297543	50.896	ug/l	97
78) n-propylbenzene	11.35	91	1334002	54.005	ug/l	100
79) 2-Chlorotoluene	11.42	91	769010	51.453	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	969507	53.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	126055	49.820	ug/l	99
82) 4-Chlorotoluene	11.51	91	898112	52.783	ug/l	100
83) tert-Butylbenzene	11.76	119	927562	54.654	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	974335	53.783	ug/l	98
85) sec-Butylbenzene	11.94	105	1146326	55.135	ug/l	100
86) p-Isopropyltoluene	12.06	119	1056927	55.007	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	531748	50.611	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	534550	50.792	ug/l	100
89) n-Butylbenzene	12.39	91	934327	55.832	ug/l	99
90) Hexachloroethane	12.59	117	186268	52.191	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	531351	50.920	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76799	46.005	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012920\
Data File : VX014759.D
Acq On : 29 Jan 2020 10:21
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
1/30/2020 10:44:03 AM

Quant Time: Jan 29 23:04:04 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	371161	55.170	ug/l	98
94) Hexachlorobutadiene	13.78	225	191717	55.367	ug/l	99
95) Naphthalene	13.83	128	1065405	49.125	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	368635	54.190	ug/l	98

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

