

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112918\
 Data File : VX006212.D
 Acq On : 29 Nov 2018 15:25
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:11 AM

Quant Time: Nov 30 03:51:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	791495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1175905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1072224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	564426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	395232	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	5.50	113	377749	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	1374366	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	529486	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	415769	53.649	ug/l	100
3) Chloromethane	1.33	50	405115	50.868	ug/l	100
4) Vinyl Chloride	1.41	62	440575	51.401	ug/l	100
5) Bromomethane	1.64	94	276243	46.504	ug/l	100
6) Chloroethane	1.72	64	270491	51.469	ug/l	100
7) Trichlorofluoromethane	1.93	101	661687	50.291	ug/l	100
8) Diethyl Ether	2.19	74	243474	48.895	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	366895	49.041	ug/l	100
10) Methyl Iodide	2.51	142	574441	50.949	ug/l	100
11) Tert butyl alcohol	3.07	59	538733	243.807	ug/l	100
12) 1,1-Dichloroethene	2.37	96	347240	48.484	ug/l	100
13) Acrolein	2.30	56	290287	240.359	ug/l	100
14) Allyl chloride	2.73	41	698828	49.395	ug/l	100
15) Acrylonitrile	3.15	53	1148287	249.030	ug/l	100
16) Acetone	2.45	43	936211	246.901	ug/l	100
17) Carbon Disulfide	2.57	76	1097746	49.741	ug/l	100
18) Methyl Acetate	2.78	43	626892	49.437	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1250880	48.959	ug/l	100
20) Methylene Chloride	2.86	84	379953	47.082	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	372536	48.811	ug/l	100
22) Diisopropyl ether	3.87	45	1083348	49.025	ug/l	100
23) Vinyl Acetate	3.82	43	4696296	249.169	ug/l	100
24) 1,1-Dichloroethane	3.70	63	609891	48.286	ug/l	100
25) 2-Butanone	4.70	43	1339140	247.512	ug/l	100
26) 2,2-Dichloropropane	4.59	77	565021	48.472	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	415928	48.856	ug/l	100
28) Bromochloromethane	5.02	49	282165	51.145	ug/l	100
29) Tetrahydrofuran	5.15	42	923421	245.576	ug/l	100
30) Chloroform	5.21	83	643462	48.478	ug/l	100
31) Cyclohexane	5.57	56	567487	48.616	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	612245	48.479	ug/l	100
36) 1,1-Dichloropropene	5.80	75	483189	48.796	ug/l	100
37) Ethyl Acetate	4.85	43	543598	49.020	ug/l	100
38) Carbon Tetrachloride	5.78	117	572280	49.126	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112918\
 Data File : VX006212.D
 Acq On : 29 Nov 2018 15:25
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:11 AM

Quant Time: Nov 30 03:51:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	628454	48.893	ug/l	100
40) Benzene	6.14	78	1457152	49.131	ug/l	100
41) Methacrylonitrile	5.06	41	289653	47.469	ug/l	100
42) 1,2-Dichloroethane	6.20	62	478654	49.312	ug/l	100
43) Isopropyl Acetate	6.46	43	899717	48.660	ug/l	100
44) Trichloroethene	7.21	130	443395	49.350	ug/l	100
45) 1,2-Dichloropropane	7.52	63	365937	48.547	ug/l	100
46) Dibromomethane	7.66	93	266081	48.877	ug/l	100
47) Bromodichloromethane	7.90	83	518218	49.156	ug/l	100
48) Methyl methacrylate	7.77	41	443344	49.289	ug/l	100
49) 1,4-Dioxane	7.75	88	214065	965.613	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2688480	249.782	ug/l	100
52) Toluene	8.79	92	950763	48.727	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	606954	49.229	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	626674	48.949	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	393451	49.635	ug/l	100
56) Ethyl methacrylate	9.18	69	610768	49.286	ug/l	100
57) 1,3-Dichloropropane	9.37	76	615711	49.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1518556	241.481	ug/l	100
59) 2-Hexanone	9.49	43	2033116	247.242	ug/l	100
60) Dibromochloromethane	9.59	129	481596	49.270	ug/l	100
61) 1,2-Dibromoethane	9.67	107	431886	48.726	ug/l	100
64) Tetrachloroethene	9.34	164	386836	47.906	ug/l	100
65) Chlorobenzene	10.14	112	1125513	49.449	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	433623	49.033	ug/l	100
67) Ethyl Benzene	10.25	91	1855743	49.021	ug/l	100
68) m/p-Xylenes	10.36	106	1491173	98.336	ug/l	100
69) o-Xylene	10.70	106	731030	48.805	ug/l	100
70) Styrene	10.71	104	1203936	49.697	ug/l	100
71) Bromoform	10.86	173	414857	49.695	ug/l	100
73) Isopropylbenzene	11.02	105	1933603	49.607	ug/l	100
74) N-amyl acetate	10.90	43	814803	48.544	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	600405	48.148	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	578677m	39.479	ug/l	
77) Bromobenzene	11.26	156	533654	49.334	ug/l	100
78) n-propylbenzene	11.36	91	2156333	49.767	ug/l	100
79) 2-Chlorotoluene	11.42	91	1268128	49.243	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1589259	49.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	228983	49.325	ug/l	100
82) 4-Chlorotoluene	11.51	91	1477439	49.344	ug/l	100
83) tert-Butylbenzene	11.77	119	1699311	49.109	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1626318	48.564	ug/l	100
85) sec-Butylbenzene	11.94	105	1958858	49.761	ug/l	100
86) p-Isopropyltoluene	12.07	119	1763704	49.756	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	950914	49.404	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	950497	49.243	ug/l	100
89) n-Butylbenzene	12.39	91	1494886	49.425	ug/l	100
90) Hexachloroethane	12.60	117	361394	50.023	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	923058	48.321	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	148158	46.349	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
Data File : VX006212.D
Acq On : 29 Nov 2018 15:25
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
11/30/2018 10:13:11 AM

Quant Time: Nov 30 03:51:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:36:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	682903	49.001	ug/l	100
94) Hexachlorobutadiene	13.79	225	306011	49.650	ug/l	100
95) Naphthalene	13.83	128	2112560	48.731	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	674949	48.896	ug/l	100

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

