

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000209.D
 Acq On : 07 Mar 2018 13:26
 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

apatel
 3/8/2018 10:42:17 AM

Quant Time: Mar 08 00:49:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	150194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	252700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	103434	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	5.51	113	81379	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.73	98	344242	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	11.15	95	132909	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76636	49.39	ug/l	100
3) Chloromethane	1.32	50	72425	47.65	ug/l	100
4) Vinyl Chloride	1.41	62	88834	52.05	ug/l	100
5) Bromomethane	1.64	94	105509	62.69	ug/l	100
6) Chloroethane	1.72	64	58146	50.33	ug/l	100
7) Trichlorofluoromethane	1.93	101	154840	50.66	ug/l	100
8) Diethyl Ether	2.20	74	53686	50.86	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83594	49.11	ug/l	100
10) Methyl Iodide	2.52	142	85729	47.40	ug/l	100
11) Tert butyl alcohol	3.08	59	180287	247.06	ug/l	100
12) 1,1-Dichloroethene	2.38	96	77320	48.89	ug/l	100
13) Acrolein	2.30	56	97336	271.45	ug/l	100
14) Allyl chloride	2.73	41	141222	52.81	ug/l	100
15) Acrylonitrile	3.16	53	324051	258.22	ug/l	100
16) Acetone	2.45	43	350802	278.05	ug/l	100
17) Carbon Disulfide	2.57	76	216179	46.53	ug/l	100
18) Methyl Acetate	2.79	43	152287	52.29	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	275087	50.52	ug/l	100
20) Methylene Chloride	2.87	84	82645	46.90	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	85960	49.97	ug/l	100
22) Diisopropyl ether	3.88	45	219334	47.55	ug/l	100
23) Vinyl Acetate	3.84	43	1107679	254.95	ug/l	100
24) 1,1-Dichloroethane	3.71	63	148701	52.42	ug/l	100
25) 2-Butanone	4.73	43	439210	254.60	ug/l	100
26) 2,2-Dichloropropane	4.60	77	111649	47.31	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	78131	48.11	ug/l	100
28) Bromochloromethane	5.03	49	64698	52.01	ug/l	100
29) Tetrahydrofuran	5.18	42	280358	250.74	ug/l	100
30) Chloroform	5.23	83	145317	50.22	ug/l	100
31) Cyclohexane	5.59	56	116767	49.28	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	132832	50.10	ug/l	100
36) 1,1-Dichloropropene	5.81	75	109346	48.12	ug/l	100
37) Ethyl Acetate	4.87	43	149759	47.77	ug/l	100
38) Carbon Tetrachloride	5.79	117	114833	47.30	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000209.D
 Acq On : 07 Mar 2018 13:26
 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

apatel
 3/8/2018 10:42:17 AM

Quant Time: Mar 08 00:49:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	134577	49.06	ug/l	100
40) Benzene	6.16	78	319092	49.06	ug/l	100
41) Methacrylonitrile	5.08	41	76937	46.98	ug/l	100
42) 1,2-Dichloroethane	6.21	62	124159	51.53	ug/l	100
43) Isopropyl Acetate	6.48	43	229511	50.57	ug/l	100
44) Trichloroethene	7.22	130	91371	47.96	ug/l	100
45) 1,2-Dichloropropane	7.52	63	81528	50.92	ug/l	100
46) Dibromomethane	7.67	93	64238	51.38	ug/l	100
47) Bromodichloromethane	7.91	83	119687	51.95	ug/l	100
48) Methyl methacrylate	7.79	41	111108	50.07	ug/l	100
49) 1,4-Dioxane	7.77	88	52571	921.89	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	895510	267.41	ug/l	100
52) Toluene	8.79	92	228366	52.20	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	138217	51.05	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	141314	52.58	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	91039	50.56	ug/l	100
56) Ethyl methacrylate	9.19	69	145720	52.63	ug/l	100
57) 1,3-Dichloropropane	9.38	76	147621	51.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	351009	251.27	ug/l	100
59) 2-Hexanone	9.51	43	769977	271.04	ug/l	100
60) Dibromochloromethane	9.59	129	102955	50.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	103107	51.48	ug/l	100
64) Tetrachloroethene	9.34	164	86859	45.67	ug/l	100
65) Chlorobenzene	10.15	112	266086	47.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	92838	47.98	ug/l	100
67) Ethyl Benzene	10.26	91	457114	48.59	ug/l	100
68) m/p-Xylenes	10.37	106	366746	98.35	ug/l	100
69) o-Xylene	10.71	106	175195	48.89	ug/l	100
70) Styrene	10.72	104	298577	50.81	ug/l	100
71) Bromoform	10.87	173	83478	47.85	ug/l	100
73) Isopropylbenzene	11.03	105	486373	47.35	ug/l	100
74) N-amyl acetate	6.48	43	229511	44.43	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	169752	47.38	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	148595m	44.41	ug/l	
77) Bromobenzene	11.26	156	123507	44.89	ug/l	100
78) n-propylbenzene	11.37	91	569023	46.97	ug/l	100
79) 2-Chlorotoluene	11.43	91	322876	46.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	414585	47.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	53427	46.07	ug/l	100
82) 4-Chlorotoluene	11.52	91	400820	47.63	ug/l	100
83) tert-Butylbenzene	11.78	119	410057	46.79	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	431427	47.83	ug/l	100
85) sec-Butylbenzene	11.96	105	515112	47.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	460370	47.39	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	246631	46.33	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	253026	46.00	ug/l	100
89) n-Butylbenzene	12.40	91	434430	47.13	ug/l	100
90) Hexachloroethane	12.60	117	74701	47.58	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	245419	46.79	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48987	49.36	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
Data File : VX000209.D
Acq On : 07 Mar 2018 13:26
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

apatel
3/8/2018 10:42:17 AM

Quant Time: Mar 08 00:49:29 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 00:32:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	170145	43.73	ug/l	100
94) Hexachlorobutadiene	13.79	225	68336	40.78	ug/l	100
95) Naphthalene	13.84	128	619540	46.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	168154	43.83	ug/l	100

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

