

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001941.D
 Acq On : 24 May 2018 13:29
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX052418

Manual Integrations
 APPROVED

MMDadoda
 5/25/2018 2:25:53 PM

Quant Time: May 25 03:40:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	370278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	493995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	459358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	320895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	329306	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	5.51	113	259739	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	8.72	98	956702	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	11.14	95	385341	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	249483	54.00	ug/l	98
3) Chloromethane	1.32	50	271420	47.64	ug/l	99
4) Vinyl Chloride	1.40	62	259563	47.19	ug/l	98
5) Bromomethane	1.64	94	147842	58.55	ug/l	98
6) Chloroethane	1.72	64	153071	47.20	ug/l	100
7) Trichlorofluoromethane	1.92	101	399959	48.42	ug/l	100
8) Diethyl Ether	2.19	74	143107	47.74	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	230883	50.09	ug/l	100
10) Methyl Iodide	2.51	142	277577	44.50	ug/l	100
11) Tert butyl alcohol	3.09	59	304517	234.39	ug/l	99
12) 1,1-Dichloroethene	2.37	96	205172	47.54	ug/l	98
13) Acrolein	2.30	56	133163	237.06	ug/l	96
14) Allyl chloride	2.73	41	429006	47.35	ug/l	100
15) Acrylonitrile	3.15	53	630238	235.90	ug/l	100
16) Acetone	2.45	43	616416	241.32	ug/l	100
17) Carbon Disulfide	2.57	76	607510	48.91	ug/l	99
18) Methyl Acetate	2.78	43	306570	49.82	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	770550	47.47	ug/l	99
20) Methylene Chloride	2.86	84	225620	51.05	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	219740	52.37	ug/l	99
22) Diisopropyl ether	3.88	45	789434	42.84	ug/l	98
23) Vinyl Acetate	3.83	43	3495479	228.78	ug/l	99
24) 1,1-Dichloroethane	3.70	63	414980	47.41	ug/l	100
25) 2-Butanone	4.72	43	1107183	236.49	ug/l	99
26) 2,2-Dichloropropane	4.59	77	437016	49.32	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	269252	47.84	ug/l	96
28) Bromochloromethane	5.02	49	176752	47.97	ug/l	99
29) Tetrahydrofuran	5.17	42	701782	230.40	ug/l	99
30) Chloroform	5.22	83	457968	46.44	ug/l	98
31) Cyclohexane	5.57	56	432296	47.40	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	434504	47.26	ug/l	99
36) 1,1-Dichloropropene	5.80	75	347581	50.58	ug/l	99
37) Ethyl Acetate	4.87	43	431254	48.14	ug/l	100
38) Carbon Tetrachloride	5.78	117	398159	49.69	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001941.D
 Acq On : 24 May 2018 13:29
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052418

Manual Integrations
 APPROVED

MMDadoda
 5/25/2018 2:25:53 PM

Quant Time: May 25 03:40:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	442559	52.43	ug/l	98
40) Benzene	6.15	78	1003540	49.85	ug/l	100
41) Methacrylonitrile	5.07	41	244665	51.81	ug/l	99
42) 1,2-Dichloroethane	6.20	62	391589	48.70	ug/l	99
43) Isopropyl Acetate	6.48	43	734419	49.20	ug/l	100
44) Trichloroethene	7.21	130	292145	49.80	ug/l	97
45) 1,2-Dichloropropane	7.52	63	266747	48.79	ug/l	100
46) Dibromomethane	7.67	93	179224	49.52	ug/l	100
47) Bromodichloromethane	7.90	83	379877	49.22	ug/l	99
48) Methyl methacrylate	7.79	41	373703	49.19	ug/l	99
49) 1,4-Dioxane	7.76	88	131739	984.08	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	2196546	244.12	ug/l	100
52) Toluene	8.79	92	639950	49.95	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	452548	50.91	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	443754	51.23	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	259111	48.41	ug/l	99
56) Ethyl methacrylate	9.19	69	444001	48.23	ug/l	100
57) 1,3-Dichloropropane	9.38	76	434859	49.32	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1247751	305.81	ug/l	99
59) 2-Hexanone	9.51	43	1734040	249.94	ug/l	100
60) Dibromochloromethane	9.59	129	321657	50.74	ug/l	99
61) 1,2-Dibromoethane	9.68	107	278630	49.62	ug/l	100
64) Tetrachloroethene	9.34	164	327746	49.76	ug/l	100
65) Chlorobenzene	10.15	112	727958	50.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	289067	49.19	ug/l	100
67) Ethyl Benzene	10.26	91	1280097	50.62	ug/l	100
68) m/p-Xylenes	10.37	106	988172	102.23	ug/l	100
69) o-Xylene	10.70	106	484607	50.21	ug/l	100
70) Styrene	10.72	104	814996	50.92	ug/l	100
71) Bromoform	10.86	173	280493	50.34	ug/l #	99
73) Isopropylbenzene	11.02	105	1315587	48.41	ug/l	100
74) N-amyl acetate	6.48	43	734419	52.24	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	385584	51.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	412897m	53.57	ug/l	
77) Bromobenzene	11.26	156	350847	48.66	ug/l	99
78) n-propylbenzene	11.37	91	1515656	49.80	ug/l	100
79) 2-Chlorotoluene	11.43	91	897641	53.95	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1136349	48.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	147937	46.13	ug/l #	95
82) 4-Chlorotoluene	11.52	91	1058509	49.31	ug/l	100
83) tert-Butylbenzene	11.77	119	1110165	48.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1173233	48.89	ug/l	100
85) sec-Butylbenzene	11.95	105	1372971	50.12	ug/l	100
86) p-Isopropyltoluene	12.07	119	1250725	51.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	643837	49.87	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	650126	50.36	ug/l	100
89) n-Butylbenzene	12.39	91	1098983	52.91	ug/l	100
90) Hexachloroethane	12.60	117	234638	48.53	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	648175	49.27	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	112109	46.40	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
Data File : VX001941.D
Acq On : 24 May 2018 13:29
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052418

Manual Integrations
APPROVED

MMDadoda
5/25/2018 2:25:53 PM

Quant Time: May 25 03:40:24 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	498474	52.99	ug/l	100
94) Hexachlorobutadiene	13.79	225	269993	53.36	ug/l	99
95) Naphthalene	13.84	128	1451504	50.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	501026	51.47	ug/l	100

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

