

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001638.D
 Acq On : 11 May 2018 14:38
 Operator : JC/MD
 Sample : VX0511WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS02

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:58:15 PM

Quant Time: May 12 05:59:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	236982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182247	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
35) Dibromofluoromethane	5.51	113	150411	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	8.72	98	537831	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
62) 4-Bromofluorobenzene	11.14	95	204799	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76117	20.18	ug/l	98
3) Chloromethane	1.32	50	69223	18.84	ug/l	100
4) Vinyl Chloride	1.40	62	74521	19.43	ug/l	99
5) Bromomethane	1.64	94	41176	21.50	ug/l	97
6) Chloroethane	1.72	64	52158	20.58	ug/l	99
7) Trichlorofluoromethane	1.93	101	118151	20.47	ug/l	99
8) Diethyl Ether	2.19	74	44680	19.75	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71812	21.22	ug/l	99
10) Methyl Iodide	2.51	142	59379	12.16	ug/l	99
11) Tert butyl alcohol	3.07	59	84453	99.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61270	19.76	ug/l	97
13) Acrolein	2.29	56	10452	53.24	ug/l	93
14) Allyl chloride	2.73	41	117049	20.24	ug/l	99
15) Acrylonitrile	3.15	53	187154	97.52	ug/l	99
16) Acetone	2.45	43	192427	105.20	ug/l	97
17) Carbon Disulfide	2.57	76	143613	18.20	ug/l	98
18) Methyl Acetate	2.78	43	104746	21.80	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	223367	20.69	ug/l	99
20) Methylene Chloride	2.86	84	72197	19.94	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	66793	19.30	ug/l	98
22) Diisopropyl ether	3.87	45	231030	21.38	ug/l	98
23) Vinyl Acetate	3.82	43	948140	105.31	ug/l	99
24) 1,1-Dichloroethane	3.70	63	125305	20.76	ug/l	99
25) 2-Butanone	4.71	43	271541	102.70	ug/l	99
26) 2,2-Dichloropropane	4.59	77	105111	22.55	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	76559	20.77	ug/l	98
28) Bromochloromethane	5.02	49	55356	21.16	ug/l	98
29) Tetrahydrofuran	5.17	42	163833	96.84	ug/l	100
30) Chloroform	5.22	83	131519	21.16	ug/l	99
31) Cyclohexane	5.58	56	107742	20.79	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	117072	21.55	ug/l	100
36) 1,1-Dichloropropene	5.80	75	93917	20.79	ug/l	99
37) Ethyl Acetate	4.87	43	99989	20.19	ug/l	99
38) Carbon Tetrachloride	5.79	117	104654	21.72	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001638.D
 Acq On : 11 May 2018 14:38
 Operator : JC/MD
 Sample : VX0511WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0511WBS02

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:58:15 PM

Quant Time: May 12 05:59:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	114255	21.39	ug/l	99
40) Benzene	6.15	78	280087	21.23	ug/l	99
41) Methacrylonitrile	5.07	41	58016	20.48	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109018	21.50	ug/l	100
43) Isopropyl Acetate	6.47	43	159425	20.97	ug/l	100
44) Trichloroethene	7.21	130	85462	21.19	ug/l	99
45) 1,2-Dichloropropane	7.52	63	69112	21.01	ug/l	98
46) Dibromomethane	7.67	93	48995	21.04	ug/l	99
47) Bromodichloromethane	7.90	83	94335	21.89	ug/l	99
48) Methyl methacrylate	7.78	41	85439	20.64	ug/l	100
49) 1,4-Dioxane	7.76	88	35522	397.20	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	531322	105.18	ug/l	99
52) Toluene	8.79	92	186253	21.59	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	108555	22.29	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	96254	20.51	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	76075	21.89	ug/l	98
56) Ethyl methacrylate	9.19	69	106698	21.29	ug/l	99
57) 1,3-Dichloropropane	9.38	76	121807	21.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	243564	99.11	ug/l	99
59) 2-Hexanone	9.50	43	401179	103.71	ug/l	100
60) Dibromochloromethane	9.59	129	76399	21.46	ug/l	97
61) 1,2-Dibromoethane	9.68	107	76800	21.04	ug/l	100
64) Tetrachloroethene	9.34	164	100576	21.91	ug/l	99
65) Chlorobenzene	10.14	112	210478	21.79	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	77771	22.51	ug/l	99
67) Ethyl Benzene	10.26	91	345503	21.83	ug/l	100
68) m/p-Xylenes	10.37	106	276028	44.13	ug/l	100
69) o-Xylene	10.70	106	132786	21.84	ug/l	99
70) Styrene	10.72	104	219277	22.20	ug/l	99
71) Bromoform	10.86	173	59924	20.32	ug/l	100
73) Isopropylbenzene	11.02	105	367011	22.37	ug/l	100
74) N-amyl acetate	6.47	43	159425	21.39	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	105228	21.72	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	103033m	21.44	ug/l	
77) Bromobenzene	11.26	156	101977	21.38	ug/l	99
78) n-propylbenzene	11.37	91	407463	22.81	ug/l	99
79) 2-Chlorotoluene	11.43	91	242531	22.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	306013	22.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	26657	20.46	ug/l	94
82) 4-Chlorotoluene	11.52	91	280026	22.08	ug/l	100
83) tert-Butylbenzene	11.77	119	300931	22.14	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	316666	22.56	ug/l	99
85) sec-Butylbenzene	11.95	105	378993	23.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	347220	23.20	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	186088	21.83	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	189703	21.81	ug/l	99
89) n-Butylbenzene	12.40	91	282110	22.75	ug/l	100
90) Hexachloroethane	12.60	117	51319	22.77	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	188152	21.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23133	21.73	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
Data File : VX001638.D
Acq On : 11 May 2018 14:38
Operator : JC/MD
Sample : VX0511WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS02

Manual Integrations
APPROVED

apatel
5/14/2018 3:58:15 PM

Quant Time: May 12 05:59:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141342	22.27	ug/l	99
94) Hexachlorobutadiene	13.79	225	80586	23.20	ug/l	99
95) Naphthalene	13.84	128	384303	21.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	145143	22.28	ug/l	100

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

