

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001993.D
 Acq On : 25 May 2018 23:16
 Operator : JC/MD
 Sample : VX0525WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:24 PM

Quant Time: May 26 04:09:03 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	252274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215017	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	226201	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	5.51	113	175404	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	8.72	98	633821	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	11.14	95	241646	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	63370	18.803	ug/l	98
3) Chloromethane	1.32	50	77680	20.013	ug/l	99
4) Vinyl Chloride	1.40	62	78101	20.839	ug/l	99
5) Bromomethane	1.64	94	41311	23.435	ug/l	99
6) Chloroethane	1.73	64	51380	23.256	ug/l	99
7) Trichlorofluoromethane	1.93	101	124225	22.071	ug/l	97
8) Diethyl Ether	2.19	74	46908	22.970	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68496	21.809	ug/l	98
10) Methyl Iodide	2.51	142	76504	18.003	ug/l	98
11) Tert butyl alcohol	3.08	59	108974	123.112	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63795	21.696	ug/l	95
13) Acrolein	2.30	56	34752	90.804	ug/l	99
14) Allyl chloride	2.73	41	135251	21.913	ug/l	99
15) Acrylonitrile	3.15	53	213662	117.382	ug/l	99
16) Acetone	2.45	43	202159	116.162	ug/l	100
17) Carbon Disulfide	2.57	76	178821	21.130	ug/l	99
18) Methyl Acetate	2.78	43	112053	26.186	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	256518	23.194	ug/l	100
20) Methylene Chloride	2.86	84	73926	23.655	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	67283	22.639	ug/l	96
22) Diisopropyl ether	3.88	45	267495	21.306	ug/l	99
23) Vinyl Acetate	3.83	43	1174031	112.786	ug/l	98
24) 1,1-Dichloroethane	3.70	63	132323	22.187	ug/l	99
25) 2-Butanone	4.71	43	333431	104.534	ug/l	99
26) 2,2-Dichloropropane	4.59	77	87350	14.470	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	78171	20.387	ug/l	99
28) Bromochloromethane	5.03	49	61770	23.568	ug/l	100
29) Tetrahydrofuran	5.18	42	218431	105.255	ug/l	100
30) Chloroform	5.22	83	134065	19.953	ug/l	98
31) Cyclohexane	5.57	56	119886	19.294	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	123376	19.696	ug/l	100
36) 1,1-Dichloropropene	5.80	75	93962	18.619	ug/l	98
37) Ethyl Acetate	4.87	43	130462	19.830	ug/l	98
38) Carbon Tetrachloride	5.79	117	111585	18.962	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001993.D
 Acq On : 25 May 2018 23:16
 Operator : JC/MD
 Sample : VX0525WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0525WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:24 PM

Quant Time: May 26 04:09:03 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	116012	18.712	ug/l	96
40) Benzene	6.15	78	293562	19.856	ug/l	99
41) Methacrylonitrile	5.07	41	72971	20.207	ug/l	100
42) 1,2-Dichloroethane	6.20	62	116131	19.664	ug/l	99
43) Isopropyl Acetate	6.48	43	221380	20.195	ug/l	100
44) Trichloroethene	7.22	130	82102	19.057	ug/l	100
45) 1,2-Dichloropropane	7.53	63	80800	20.124	ug/l	100
46) Dibromomethane	7.67	93	53795	20.237	ug/l	99
47) Bromodichloromethane	7.90	83	108793	19.194	ug/l	98
48) Methyl methacrylate	7.78	41	112084	20.089	ug/l	99
49) 1,4-Dioxane	7.76	88	42312	430.359	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	702235	106.267	ug/l	98
52) Toluene	8.79	92	183273	19.479	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	121840	18.664	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	116466	18.309	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	78222	19.901	ug/l	100
56) Ethyl methacrylate	9.19	69	130637	19.323	ug/l	98
57) 1,3-Dichloropropane	9.38	76	132034	20.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	314669	105.010	ug/l	99
59) 2-Hexanone	9.50	43	531823	104.374	ug/l	99
60) Dibromochloromethane	9.59	129	89978	19.327	ug/l	99
61) 1,2-Dibromoethane	9.68	107	82576	20.022	ug/l	98
64) Tetrachloroethene	9.34	164	93084	19.418	ug/l	98
65) Chlorobenzene	10.14	112	206078	19.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	82200	19.217	ug/l	100
67) Ethyl Benzene	10.26	91	357221	19.409	ug/l	100
68) m/p-Xylenes	10.37	106	270929	38.509	ug/l	100
69) o-Xylene	10.70	106	136050	19.367	ug/l	98
70) Styrene	10.72	104	223238	19.162	ug/l	100
71) Bromoform	10.86	173	74661	18.408	ug/l	100
73) Isopropylbenzene	11.02	105	363121	19.943	ug/l	100
74) N-amyl acetate	6.48	43	221380	21.649	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	113053	21.993	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	104363m	20.207	ug/l	
77) Bromobenzene	11.26	156	96244	19.923	ug/l	98
78) n-propylbenzene	11.37	91	401647	19.696	ug/l	100
79) 2-Chlorotoluene	11.43	91	242947	20.350	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	305139	19.610	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35227	16.393	ug/l	96
82) 4-Chlorotoluene	11.51	91	281395	19.564	ug/l	100
83) tert-Butylbenzene	11.77	119	300386	19.673	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	314600	19.565	ug/l	99
85) sec-Butylbenzene	11.95	105	360464	19.638	ug/l	100
86) p-Isopropyltoluene	12.07	119	319330	19.442	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	166067	19.195	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168108	19.436	ug/l	99
89) n-Butylbenzene	12.39	91	260068	18.687	ug/l	100
90) Hexachloroethane	12.60	117	58826	18.157	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	175578	19.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	31642	19.546	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX001993.D
Acq On : 25 May 2018 23:16
Operator : JC/MD
Sample : VX0525WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD02

Manual Integrations
APPROVED

MMDadoda
5/29/2018 4:39:24 PM

Quant Time: May 26 04:09:03 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	121503	19.276	ug/l	99
94) Hexachlorobutadiene	13.79	225	63130	18.619	ug/l	99
95) Naphthalene	13.84	128	393224	20.249	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127824	19.599	ug/l	99

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

