

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000942.D
 Acq On : 17 Apr 2018 02:01
 Operator : JC/MD
 Sample : VX0416WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/18/2018 2:45:12 PM

Quant Time: Apr 17 07:37:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	206960	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150812	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	5.51	113	123888	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.72	98	456582	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	185240	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50488	19.36	ug/l	100
3) Chloromethane	1.32	50	46454	20.78	ug/l	100
4) Vinyl Chloride	1.41	62	51636	20.54	ug/l	96
5) Bromomethane	1.65	94	33948	32.12	ug/l	100
6) Chloroethane	1.73	64	33049	21.69	ug/l	100
7) Trichlorofluoromethane	1.93	101	80368	21.18	ug/l	96
8) Diethyl Ether	2.19	74	30515	21.53	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46155	20.63	ug/l	100
10) Methyl Iodide	2.52	142	28674	21.99	ug/l	99
11) Tert butyl alcohol	3.07	59	45466	87.93	ug/l	98
12) 1,1-Dichloroethene	2.38	96	43949	20.73	ug/l	96
13) Acrolein	2.29	56	10240	40.78	ug/l	95
14) Allyl chloride	2.73	41	78647	20.06	ug/l	99
15) Acrylonitrile	3.15	53	120793	109.57	ug/l	100
16) Acetone	2.45	43	98217	97.79	ug/l	97
17) Carbon Disulfide	2.57	76	104106	16.22	ug/l	99
18) Methyl Acetate	2.78	43	61667	23.73	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	154712	21.91	ug/l	98
20) Methylene Chloride	2.87	84	49765	21.30	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48196	20.62	ug/l	97
22) Diisopropyl ether	3.88	45	162210	22.52	ug/l	98
23) Vinyl Acetate	3.83	43	667366	105.51	ug/l	99
24) 1,1-Dichloroethane	3.70	63	89702	22.19	ug/l	100
25) 2-Butanone	4.71	43	168893	101.83	ug/l	100
26) 2,2-Dichloropropane	4.59	77	63032	15.71	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	56883	21.44	ug/l	98
28) Bromochloromethane	5.03	49	31573	19.40	ug/l	96
29) Tetrahydrofuran	5.17	42	108794	103.31	ug/l	99
30) Chloroform	5.23	83	93294	21.80	ug/l	99
31) Cyclohexane	5.59	56	76913	20.04	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	83534	20.49	ug/l	100
36) 1,1-Dichloropropene	5.81	75	68653	19.64	ug/l	99
37) Ethyl Acetate	4.87	43	68243	20.00	ug/l	99
38) Carbon Tetrachloride	5.79	117	71954	18.39	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000942.D
 Acq On : 17 Apr 2018 02:01
 Operator : JC/MD
 Sample : VX0416WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0416WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/18/2018 2:45:12 PM

Quant Time: Apr 17 07:37:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	76247	18.16	ug/l	98
40) Benzene	6.15	78	202447	20.84	ug/l	100
41) Methacrylonitrile	5.07	41	41108	20.85	ug/l	99
42) 1,2-Dichloroethane	6.21	62	78773	21.72	ug/l	99
43) Isopropyl Acetate	6.47	43	114492	19.57	ug/l	100
44) Trichloroethene	7.22	130	61771	20.45	ug/l	97
45) 1,2-Dichloropropane	7.53	63	52188	21.10	ug/l	95
46) Dibromomethane	7.67	93	35872	20.80	ug/l	98
47) Bromodichloromethane	7.90	83	65905	18.94	ug/l	96
48) Methyl methacrylate	7.78	41	61594	20.31	ug/l	99
49) 1,4-Dioxane	7.76	88	19290	316.53	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	354558	103.17	ug/l	99
52) Toluene	8.79	92	132410	20.55	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	77804	18.64	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	72047	17.72	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54218	21.20	ug/l	99
56) Ethyl methacrylate	9.19	69	77864	19.73	ug/l	100
57) 1,3-Dichloropropane	9.38	76	88516	21.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	196461	106.56	ug/l	99
59) 2-Hexanone	9.51	43	261099	98.41	ug/l	99
60) Dibromochloromethane	9.59	129	54528	17.82	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56433	20.80	ug/l	100
64) Tetrachloroethene	9.34	164	64769	21.54	ug/l	100
65) Chlorobenzene	10.15	112	157398	20.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	55296	18.99	ug/l	98
67) Ethyl Benzene	10.26	91	260459	20.19	ug/l	99
68) m/p-Xylenes	10.37	106	203861	40.04	ug/l	99
69) o-Xylene	10.71	106	99508	20.28	ug/l	100
70) Styrene	10.72	104	164894	19.93	ug/l	99
71) Bromoform	10.87	173	43286	16.05	ug/l #	100
73) Isopropylbenzene	11.02	105	268842	20.48	ug/l	100
74) N-amyl acetate	6.47	43	114492	19.36	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	76603	20.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70657m	19.80	ug/l	
77) Bromobenzene	11.26	156	77610	20.17	ug/l	98
78) n-propylbenzene	11.37	91	303337	20.20	ug/l	99
79) 2-Chlorotoluene	11.43	91	180589	20.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	227750	20.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17031	13.13	ug/l #	85
82) 4-Chlorotoluene	11.52	91	217410	20.29	ug/l	100
83) tert-Butylbenzene	11.77	119	229162	19.84	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	233856	20.06	ug/l	99
85) sec-Butylbenzene	11.95	105	270104	19.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	247943	19.51	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145130	20.38	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	146032	20.01	ug/l	99
89) n-Butylbenzene	12.40	91	212809	18.97	ug/l	100
90) Hexachloroethane	12.60	117	34378	15.99	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	141678	20.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15356	16.09	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
Data File : VX000942.D
Acq On : 17 Apr 2018 02:01
Operator : JC/MD
Sample : VX0416WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS02

Manual Integrations
APPROVED

MMDadoda
4/18/2018 2:45:12 PM

Quant Time: Apr 17 07:37:38 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115371	19.67	ug/l	99
94) Hexachlorobutadiene	13.79	225	48424	16.79	ug/l	100
95) Naphthalene	13.84	128	298456	19.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110998	19.48	ug/l	99

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

