

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001079.D
 Acq On : 24 Apr 2018 16:20
 Operator : JC/MD
 Sample : VX0424WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:13 AM

Quant Time: Apr 25 07:26:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231696	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	166974	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
35) Dibromofluoromethane	5.51	113	135260	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
50) Toluene-d8	8.72	98	477658	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	194997	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68789	20.616	ug/l	99
3) Chloromethane	1.32	50	59579	19.175	ug/l	100
4) Vinyl Chloride	1.40	62	61475	19.090	ug/l	99
5) Bromomethane	1.64	94	44120	21.562	ug/l	97
6) Chloroethane	1.73	64	38538	20.139	ug/l	98
7) Trichlorofluoromethane	1.93	101	100692	20.812	ug/l	99
8) Diethyl Ether	2.19	74	36208	20.262	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57845	20.406	ug/l	98
10) Methyl Iodide	2.51	142	32432	17.431	ug/l	99
11) Tert butyl alcohol	3.08	59	66706	129.690	ug/l	98
12) 1,1-Dichloroethene	2.38	96	51517	19.653	ug/l	96
13) Acrolein	2.30	56	22839	147.230	ug/l	97
14) Allyl chloride	2.73	41	94385	19.896	ug/l	98
15) Acrylonitrile	3.15	53	149778	107.598	ug/l	100
16) Acetone	2.45	43	151052	117.619	ug/l	99
17) Carbon Disulfide	2.57	76	123762	16.566	ug/l	99
18) Methyl Acetate	2.78	43	96597	24.857	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	183019	20.768	ug/l	99
20) Methylene Chloride	2.86	84	69791	25.019	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	55085	18.877	ug/l	98
22) Diisopropyl ether	3.88	45	185591	20.210	ug/l	98
23) Vinyl Acetate	3.83	43	748521	98.453	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100651	19.540	ug/l	99
25) 2-Butanone	4.71	43	220931	110.202	ug/l	99
26) 2,2-Dichloropropane	4.59	77	86502	19.521	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62728	19.297	ug/l	100
28) Bromochloromethane	5.03	49	32735	16.525	ug/l	96
29) Tetrahydrofuran	5.18	42	136485	107.735	ug/l	100
30) Chloroform	5.23	83	107450	20.141	ug/l	97
31) Cyclohexane	5.58	56	88969	18.504	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	94804	19.820	ug/l	98
36) 1,1-Dichloropropene	5.81	75	77818	18.315	ug/l	100
37) Ethyl Acetate	4.87	43	82522	21.173	ug/l	99
38) Carbon Tetrachloride	5.79	117	82162	19.097	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001079.D
 Acq On : 24 Apr 2018 16:20
 Operator : JC/MD
 Sample : VX0424WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0424WBS01

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:13 AM

Quant Time: Apr 25 07:26:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	93432	18.891	ug/l	99
40) Benzene	6.15	78	231247	19.576	ug/l	97
41) Methacrylonitrile	5.07	41	50069	20.571	ug/l	98
42) 1,2-Dichloroethane	6.21	62	90833	20.033	ug/l	100
43) Isopropyl Acetate	6.48	43	136387	20.397	ug/l	98
44) Trichloroethene	7.22	130	68249	18.911	ug/l	98
45) 1,2-Dichloropropane	7.52	63	60078	20.226	ug/l	96
46) Dibromomethane	7.67	93	41309	19.904	ug/l	99
47) Bromodichloromethane	7.91	83	76032	19.776	ug/l	99
48) Methyl methacrylate	7.79	41	72832	20.228	ug/l	97
49) 1,4-Dioxane	7.76	88	26568	501.790	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	447967	110.336	ug/l	98
52) Toluene	8.79	92	151518	19.652	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	89361	19.435	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	82154	18.948	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	61141	19.951	ug/l	99
56) Ethyl methacrylate	9.19	69	89607	19.908	ug/l	97
57) 1,3-Dichloropropane	9.38	76	101100	19.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	264608	120.456	ug/l	99
59) 2-Hexanone	9.51	43	345053	111.034	ug/l	98
60) Dibromochloromethane	9.59	129	62890	19.540	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65332	20.201	ug/l	99
64) Tetrachloroethene	9.34	164	73340	20.088	ug/l	98
65) Chlorobenzene	10.15	112	177772	19.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62754	19.972	ug/l	99
67) Ethyl Benzene	10.26	91	295551	19.441	ug/l	98
68) m/p-Xylenes	10.37	106	232682	38.834	ug/l	99
69) o-Xylene	10.71	106	112028	19.394	ug/l	97
70) Styrene	10.72	104	184788	19.424	ug/l	98
71) Bromoform	10.86	173	49050	18.579	ug/l	100
73) Isopropylbenzene	11.02	105	305725	20.183	ug/l	99
74) N-amyl acetate	6.48	43	136387	21.049	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91148	21.256	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	88281m	21.961	ug/l	
77) Bromobenzene	11.26	156	86420	19.655	ug/l	98
78) n-propylbenzene	11.37	91	344497	19.811	ug/l	100
79) 2-Chlorotoluene	11.43	91	205151	19.965	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	261618	20.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20874	18.145	ug/l	89
82) 4-Chlorotoluene	11.52	91	245312	19.758	ug/l	99
83) tert-Butylbenzene	11.77	119	258044	19.921	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	267914	20.275	ug/l	99
85) sec-Butylbenzene	11.95	105	313068	20.248	ug/l	100
86) p-Isopropyltoluene	12.07	119	288354	20.160	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	157712	19.160	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161872	19.159	ug/l	99
89) n-Butylbenzene	12.39	91	245480	19.290	ug/l	99
90) Hexachloroethane	12.60	117	40138	19.805	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	159363	19.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19625	21.847	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
Data File : VX001079.D
Acq On : 24 Apr 2018 16:20
Operator : JC/MD
Sample : VX0424WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:13 AM

Quant Time: Apr 25 07:26:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121739	18.199	ug/l	100
94) Hexachlorobutadiene	13.79	225	65137	21.520	ug/l	98
95) Naphthalene	13.84	128	342869	20.841	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124631	19.263	ug/l	99

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

