

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001874.D
 Acq On : 21 May 2018 13:43
 Operator : JC/MD
 Sample : VX0521WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2018 12:47:24 PM

Quant Time: May 22 02:05:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178878	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	171831	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	
35) Dibromofluoromethane	5.51	113	157149	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
50) Toluene-d8	8.72	98	571075	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	11.14	95	171188	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	50666	18.295	ug/l	97
3) Chloromethane	1.32	50	62739	20.971	ug/l	99
4) Vinyl Chloride	1.40	62	63719	19.701	ug/l	100
5) Bromomethane	1.64	94	31867	21.608	ug/l	97
6) Chloroethane	1.72	64	43743	21.472	ug/l	98
7) Trichlorofluoromethane	1.93	101	90813	19.323	ug/l	99
8) Diethyl Ether	2.19	74	40013	20.683	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57069	20.171	ug/l	99
10) Methyl Iodide	2.51	142	68680	26.384	ug/l	98
11) Tert butyl alcohol	3.08	59	78490	119.517	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52997	19.430	ug/l	98
13) Acrolein	2.30	56	27117	58.219	ug/l	97
14) Allyl chloride	2.73	41	103535	20.535	ug/l	96
15) Acrylonitrile	3.15	53	180396	109.365	ug/l	99
16) Acetone	2.45	43	157482	108.394	ug/l	97
17) Carbon Disulfide	2.57	76	116863	16.424	ug/l	99
18) Methyl Acetate	2.78	43	100066	23.559	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	189195	20.579	ug/l	100
20) Methylene Chloride	2.86	84	62646	20.144	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	56819	18.909	ug/l	99
22) Diisopropyl ether	3.88	45	201141	20.796	ug/l	99
23) Vinyl Acetate	3.83	43	668098	95.873	ug/l	100
24) 1,1-Dichloroethane	3.70	63	108057	20.371	ug/l	99
25) 2-Butanone	4.72	43	256496	115.313	ug/l	96
26) 2,2-Dichloropropane	4.59	77	82769	19.382	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	71782	20.993	ug/l	98
28) Bromochloromethane	5.02	49	56262	23.878	ug/l	100
29) Tetrahydrofuran	5.17	42	163853	113.009	ug/l	99
30) Chloroform	5.22	83	116671	20.940	ug/l	100
31) Cyclohexane	5.58	56	93024	20.007	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	97470	20.244	ug/l	98
36) 1,1-Dichloropropene	5.80	75	80899	19.679	ug/l	99
37) Ethyl Acetate	4.87	43	93714	21.874	ug/l	99
38) Carbon Tetrachloride	5.79	117	88200	20.480	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001874.D
 Acq On : 21 May 2018 13:43
 Operator : JC/MD
 Sample : VX0521WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0521WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2018 12:47:24 PM

Quant Time: May 22 02:05:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94371	19.647	ug/l	98
40) Benzene	6.15	78	259318	21.409	ug/l	98
41) Methacrylonitrile	5.07	41	53824	21.725	ug/l	98
42) 1,2-Dichloroethane	6.20	62	87712	20.023	ug/l	96
43) Isopropyl Acetate	6.48	43	139996	20.879	ug/l	99
44) Trichloroethene	7.22	130	76062	20.233	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65971	22.197	ug/l	99
46) Dibromomethane	7.67	93	44506	21.326	ug/l	99
47) Bromodichloromethane	7.90	83	81744	21.108	ug/l	97
48) Methyl methacrylate	7.79	41	75543	21.404	ug/l	95
49) 1,4-Dioxane	7.76	88	36432	536.111	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	495253	116.548	ug/l	99
52) Toluene	8.79	92	167698	21.547	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96069	21.084	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	70695	17.601	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	58935	19.810	ug/l	99
56) Ethyl methacrylate	9.19	69	80211	19.012	ug/l	97
57) 1,3-Dichloropropane	9.38	76	95637	19.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	239968	110.574	ug/l	100
59) 2-Hexanone	9.51	43	315692	103.781	ug/l	100
60) Dibromochloromethane	9.59	129	60511	19.863	ug/l	99
61) 1,2-Dibromoethane	9.68	107	60938	19.566	ug/l	99
64) Tetrachloroethene	9.34	164	73976	20.595	ug/l	99
65) Chlorobenzene	10.14	112	158591	20.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	59300	22.122	ug/l	99
67) Ethyl Benzene	10.26	91	253746	20.920	ug/l	100
68) m/p-Xylenes	10.37	106	204092	42.646	ug/l	99
69) o-Xylene	10.70	106	99366	21.681	ug/l	99
70) Styrene	10.72	104	163826	21.673	ug/l	100
71) Bromoform	10.87	173	48466	21.218	ug/l #	99
73) Isopropylbenzene	11.02	105	268898	22.826	ug/l	100
74) N-amyl acetate	6.48	43	139996	24.788	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	84538	23.923	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	81651m	24.005	ug/l	
77) Bromobenzene	11.26	156	77391	22.357	ug/l	98
78) n-propylbenzene	11.37	91	290426	21.883	ug/l	99
79) 2-Chlorotoluene	11.43	91	176970	22.296	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223296	23.106	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21131	20.594	ug/l	94
82) 4-Chlorotoluene	11.51	91	203263	21.738	ug/l	100
83) tert-Butylbenzene	11.77	119	221986	23.082	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	228768	22.859	ug/l	100
85) sec-Butylbenzene	11.95	105	264947	22.317	ug/l	100
86) p-Isopropyltoluene	12.07	119	241804	22.012	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	136906	21.387	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136678	20.648	ug/l	100
89) n-Butylbenzene	12.39	91	182511	19.209	ug/l	99
90) Hexachloroethane	12.60	117	37307	21.867	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	138851	21.769	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18089	23.984	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
Data File : VX001874.D
Acq On : 21 May 2018 13:43
Operator : JC/MD
Sample : VX0521WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBS01

Manual Integrations
APPROVED

MMDadoda
5/22/2018 12:47:24 PM

Quant Time: May 22 02:05:32 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98110	19.297	ug/l	99
94) Hexachlorobutadiene	13.79	225	55341	20.275	ug/l	100
95) Naphthalene	13.84	128	287476	21.753	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106167	20.737	ug/l	99

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

