

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001146.D
 Acq On : 26 Apr 2018 23:54
 Operator : JC/MD
 Sample : VX0426WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:03:30 PM

Quant Time: Apr 27 07:31:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160474	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	5.51	113	126393	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.72	98	482038	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.14	95	184423	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49819	20.770	ug/l	98
3) Chloromethane	1.32	50	49923	19.874	ug/l	100
4) Vinyl Chloride	1.40	62	54582	20.479	ug/l	98
5) Bromomethane	1.64	94	41157	24.085	ug/l	99
6) Chloroethane	1.73	64	34578	20.612	ug/l	96
7) Trichlorofluoromethane	1.93	101	91034	21.149	ug/l	99
8) Diethyl Ether	2.19	74	32890	19.873	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49696	20.955	ug/l	99
10) Methyl Iodide	2.51	142	38205	20.490	ug/l	98
11) Tert butyl alcohol	3.09	59	71385	102.102	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47191	20.403	ug/l	97
13) Acrolein	2.30	56	22192	83.963	ug/l	99
14) Allyl chloride	2.73	41	86779	20.568	ug/l	99
15) Acrylonitrile	3.15	53	146857	98.364	ug/l	98
16) Acetone	2.45	43	137244	94.134	ug/l	99
17) Carbon Disulfide	2.57	76	119352	20.224	ug/l	99
18) Methyl Acetate	2.79	43	76526	20.976	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	169960	19.962	ug/l	99
20) Methylene Chloride	2.86	84	52297	19.260	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	51254	20.047	ug/l	96
22) Diisopropyl ether	3.89	45	163583	19.377	ug/l	98
23) Vinyl Acetate	3.84	43	705101	98.453	ug/l	99
24) 1,1-Dichloroethane	3.70	63	87733	19.774	ug/l	98
25) 2-Butanone	4.72	43	210042	96.284	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60150	17.223	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	55471	19.815	ug/l	99
28) Bromochloromethane	5.03	49	37515	18.858	ug/l	100
29) Tetrahydrofuran	5.18	42	136539	97.347	ug/l	99
30) Chloroform	5.23	83	95087	20.153	ug/l	94
31) Cyclohexane	5.58	56	78433	20.807	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	83837	20.584	ug/l	99
36) 1,1-Dichloropropene	5.81	75	69946	20.033	ug/l	99
37) Ethyl Acetate	4.87	43	81983	19.608	ug/l	99
38) Carbon Tetrachloride	5.79	117	72650	20.293	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001146.D
 Acq On : 26 Apr 2018 23:54
 Operator : JC/MD
 Sample : VX0426WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:03:30 PM

Quant Time: Apr 27 07:31:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	80224	20.761	ug/l	95
40) Benzene	6.15	78	208790	20.672	ug/l	98
41) Methacrylonitrile	5.07	41	46481	19.784	ug/l	100
42) 1,2-Dichloroethane	6.21	62	81970	20.140	ug/l	100
43) Isopropyl Acetate	6.48	43	128461	19.563	ug/l	100
44) Trichloroethene	7.22	130	61387	20.401	ug/l	98
45) 1,2-Dichloropropane	7.52	63	51976	19.566	ug/l	98
46) Dibromomethane	7.67	93	37127	20.183	ug/l	99
47) Bromodichloromethane	7.91	83	65934	19.727	ug/l	99
48) Methyl methacrylate	7.79	41	68882	19.735	ug/l	98
49) 1,4-Dioxane	7.76	88	27248	389.920	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	433986	100.612	ug/l	98
52) Toluene	8.79	92	136427	20.655	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	76821	19.771	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	71279	19.008	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	54718	19.581	ug/l	99
56) Ethyl methacrylate	9.19	69	81811	19.760	ug/l	99
57) 1,3-Dichloropropane	9.38	76	90170	19.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	190381	97.266	ug/l	99
59) 2-Hexanone	9.51	43	332917	98.506	ug/l	99
60) Dibromochloromethane	9.59	129	56265	19.430	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59265	20.244	ug/l	99
64) Tetrachloroethene	9.34	164	68506	21.491	ug/l	99
65) Chlorobenzene	10.15	112	159400	20.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	55172	20.381	ug/l	99
67) Ethyl Benzene	10.26	91	263469	20.725	ug/l	99
68) m/p-Xylenes	10.37	106	206371	41.062	ug/l	100
69) o-Xylene	10.71	106	101610	20.845	ug/l	100
70) Styrene	10.72	104	164227	20.244	ug/l	99
71) Bromoform	10.87	173	44207	18.939	ug/l #	98
73) Isopropylbenzene	11.02	105	273246	21.264	ug/l	99
74) N-amyl acetate	6.48	43	128461	19.839	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84569	19.835	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	79827m	19.885	ug/l	
77) Bromobenzene	11.26	156	77489	20.335	ug/l	99
78) n-propylbenzene	11.37	91	304059	21.220	ug/l	100
79) 2-Chlorotoluene	11.43	91	185005	20.829	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230658	21.201	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17487	17.579	ug/l	90
82) 4-Chlorotoluene	11.52	91	217757	20.626	ug/l	99
83) tert-Butylbenzene	11.77	119	225216	20.743	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	237773	21.263	ug/l	99
85) sec-Butylbenzene	11.95	105	273375	21.554	ug/l	100
86) p-Isopropyltoluene	12.07	119	251659	21.330	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140484	20.535	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	142770	20.030	ug/l	99
89) n-Butylbenzene	12.40	91	211942	20.755	ug/l	100
90) Hexachloroethane	12.60	117	34887	20.463	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	141601	20.479	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18937	20.126	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
Data File : VX001146.D
Acq On : 26 Apr 2018 23:54
Operator : JC/MD
Sample : VX0426WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Manual Integrations
APPROVED

MMDadoda
4/30/2018 6:03:30 PM

Quant Time: Apr 27 07:31:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108540	20.024	ug/l	100
94) Hexachlorobutadiene	13.79	225	53223	20.889	ug/l	99
95) Naphthalene	13.84	128	311396	20.619	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	111495	20.670	ug/l	98

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

