

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001145.D
 Acq On : 26 Apr 2018 23:28
 Operator : JC/MD
 Sample : VX0426WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:03:28 PM

Quant Time: Apr 27 07:29:28 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	227863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	163827	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.51	113	129266	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	8.72	98	489753	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.14	95	184778	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49489	20.709	ug/l	98
3) Chloromethane	1.32	50	47190	18.856	ug/l	100
4) Vinyl Chloride	1.40	62	54493	20.523	ug/l	98
5) Bromomethane	1.64	94	39849	23.341	ug/l	100
6) Chloroethane	1.73	64	33562	20.082	ug/l	100
7) Trichlorofluoromethane	1.93	101	90681	21.146	ug/l	97
8) Diethyl Ether	2.19	74	32372	19.634	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49673	21.024	ug/l	99
10) Methyl Iodide	2.51	142	34904	19.391	ug/l	97
11) Tert butyl alcohol	3.09	59	73603	105.669	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46798	20.309	ug/l	99
13) Acrolein	2.30	56	23194	88.083	ug/l	94
14) Allyl chloride	2.73	41	85506	20.342	ug/l	99
15) Acrylonitrile	3.15	53	146754	98.664	ug/l	99
16) Acetone	2.45	43	137127	94.407	ug/l	99
17) Carbon Disulfide	2.57	76	118100	20.087	ug/l	100
18) Methyl Acetate	2.79	43	74944	20.619	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	170004	20.042	ug/l	98
20) Methylene Chloride	2.86	84	52776	19.509	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	51094	20.059	ug/l	99
22) Diisopropyl ether	3.88	45	162654	19.339	ug/l	95
23) Vinyl Acetate	3.83	43	709659	99.460	ug/l	99
24) 1,1-Dichloroethane	3.70	63	88009	19.910	ug/l	98
25) 2-Butanone	4.72	43	210465	96.839	ug/l	98
26) 2,2-Dichloropropane	4.59	77	58329	16.764	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	55938	20.057	ug/l	98
28) Bromochloromethane	5.03	49	34839	17.578	ug/l	98
29) Tetrahydrofuran	5.18	42	134845	96.500	ug/l	99
30) Chloroform	5.23	83	93496	19.890	ug/l	100
31) Cyclohexane	5.58	56	79401	21.142	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	82272	20.275	ug/l	98
36) 1,1-Dichloropropene	5.81	75	69735	20.254	ug/l	99
37) Ethyl Acetate	4.87	43	81493	19.765	ug/l	98
38) Carbon Tetrachloride	5.79	117	72264	20.469	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001145.D
 Acq On : 26 Apr 2018 23:28
 Operator : JC/MD
 Sample : VX0426WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0426WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:03:28 PM

Quant Time: Apr 27 07:29:28 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	80252	21.061	ug/l	98
40) Benzene	6.15	78	205513	20.634	ug/l	97
41) Methacrylonitrile	5.07	41	45536	19.655	ug/l	98
42) 1,2-Dichloroethane	6.21	62	81598	20.331	ug/l	100
43) Isopropyl Acetate	6.48	43	128066	19.777	ug/l	99
44) Trichloroethene	7.22	130	60931	20.535	ug/l	100
45) 1,2-Dichloropropane	7.52	63	52877	20.185	ug/l	98
46) Dibromomethane	7.67	93	37378	20.605	ug/l	99
47) Bromodichloromethane	7.91	83	65640	19.916	ug/l	99
48) Methyl methacrylate	7.79	41	67171	19.515	ug/l	99
49) 1,4-Dioxane	7.76	88	27740	402.552	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	430723	101.263	ug/l	98
52) Toluene	8.79	92	135927	20.870	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	76140	19.872	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	69954	18.932	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54816	19.893	ug/l	96
56) Ethyl methacrylate	9.19	69	81896	20.059	ug/l	100
57) 1,3-Dichloropropane	9.38	76	89930	20.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	181662	94.119	ug/l	100
59) 2-Hexanone	9.51	43	332077	99.641	ug/l	99
60) Dibromochloromethane	9.59	129	54894	19.259	ug/l	98
61) 1,2-Dibromoethane	9.68	107	59148	20.488	ug/l	99
64) Tetrachloroethene	9.34	164	68956	21.983	ug/l	99
65) Chlorobenzene	10.15	112	156895	20.378	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	54986	20.642	ug/l	99
67) Ethyl Benzene	10.26	91	262880	21.015	ug/l	100
68) m/p-Xylenes	10.37	106	205594	41.573	ug/l	98
69) o-Xylene	10.70	106	100388	20.929	ug/l	99
70) Styrene	10.72	104	163079	20.429	ug/l	99
71) Bromoform	10.86	173	43841	19.049	ug/l	99
73) Isopropylbenzene	11.02	105	270273	21.166	ug/l	100
74) N-amyl acetate	6.48	43	128066	19.903	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83305	19.663	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79258m	19.868	ug/l	
77) Bromobenzene	11.26	156	77328	20.421	ug/l	100
78) n-propylbenzene	11.37	91	304441	21.381	ug/l	100
79) 2-Chlorotoluene	11.43	91	183018	20.735	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	229025	21.184	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17183	17.440	ug/l	93
82) 4-Chlorotoluene	11.52	91	217470	20.729	ug/l	100
83) tert-Butylbenzene	11.77	119	226180	20.964	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	236431	21.277	ug/l	99
85) sec-Butylbenzene	11.95	105	272381	21.612	ug/l	100
86) p-Isopropyltoluene	12.07	119	248390	21.186	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140064	20.604	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	143739	20.294	ug/l	99
89) n-Butylbenzene	12.40	91	213160	21.006	ug/l	100
90) Hexachloroethane	12.60	117	34305	20.284	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	140050	20.383	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18903	20.217	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
Data File : VX001145.D
Acq On : 26 Apr 2018 23:28
Operator : JC/MD
Sample : VX0426WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS02

Manual Integrations
APPROVED

MMDadoda
4/30/2018 6:03:28 PM

Quant Time: Apr 27 07:29:28 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	108009	20.053	ug/l	99
94) Hexachlorobutadiene	13.79	225	51633	20.393	ug/l	99
95) Naphthalene	13.84	128	308812	20.577	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	108808	20.300	ug/l	100

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

