

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000227.D
 Acq On : 08 Mar 2018 18:29
 Operator : JC/MD
 Sample : VX0308MBS01
 Misc : 5.00µ/10mL/100uL5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBS01

Manual Integrations
 APPROVED

apatel
 3/9/2018 9:38:25 AM

Quant Time: Mar 09 04:24:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	131132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	228397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	90149	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.51	113	68542	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	8.73	98	276531	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
62) 4-Bromofluorobenzene	11.15	95	105787	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26360	18.45	ug/l	96
3) Chloromethane	1.32	50	27794	19.92	ug/l	99
4) Vinyl Chloride	1.41	62	33204	20.42	ug/l	98
5) Bromomethane	1.64	94	28303	16.01	ug/l	96
6) Chloroethane	1.73	64	21590	21.03	ug/l	100
7) Trichlorofluoromethane	1.93	101	57456	21.30	ug/l	98
8) Diethyl Ether	2.20	74	20188	20.39	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30471	20.23	ug/l	100
10) Methyl Iodide	2.51	142	25493	18.25	ug/l	99
11) Tert butyl alcohol	3.07	59	60075	89.94	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28519	20.62	ug/l	98
13) Acrolein	2.30	56	43044	122.58	ug/l	97
14) Allyl chloride	2.73	41	51548	20.18	ug/l	98
15) Acrylonitrile	3.15	53	118489	101.93	ug/l	98
16) Acetone	2.45	43	136742	104.75	ug/l	98
17) Carbon Disulfide	2.57	76	72980	19.26	ug/l	99
18) Methyl Acetate	2.79	43	55983	20.14	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	106714	21.67	ug/l	99
20) Methylene Chloride	2.87	84	32417	20.82	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	31480	20.70	ug/l	98
22) Diisopropyl ether	3.89	45	79290	18.07	ug/l	97
23) Vinyl Acetate	3.84	43	375648	88.84	ug/l	98
24) 1,1-Dichloroethane	3.71	63	54393	20.22	ug/l	99
25) 2-Butanone	4.73	43	154229	95.73	ug/l	98
26) 2,2-Dichloropropane	4.60	77	37216	18.93	ug/l	99
27) cis-1,2-Dichloroethene	4.62	96	28810	19.98	ug/l	98
28) Bromochloromethane	5.03	49	25540	22.34	ug/l	99
29) Tetrahydrofuran	5.18	42	93160	92.07	ug/l	98
30) Chloroform	5.23	83	50637	19.47	ug/l	95
31) Cyclohexane	5.59	56	39476	19.85	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	44154	19.58	ug/l	97
36) 1,1-Dichloropropene	5.81	75	38166	18.78	ug/l	98
37) Ethyl Acetate	4.88	43	51637	17.58	ug/l	100
38) Carbon Tetrachloride	5.79	117	36945	17.96	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000227.D
 Acq On : 08 Mar 2018 18:29
 Operator : JC/MD
 Sample : VX0308MBS01
 Misc : 5.00µ/10mL/100uL5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBS01

Manual Integrations
 APPROVED

apatel
 3/9/2018 9:38:25 AM

Quant Time: Mar 09 04:24:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	45146	18.10	ug/l	94
40) Benzene	6.15	78	110501	18.85	ug/l	99
41) Methacrylonitrile	5.08	41	27230	18.19	ug/l	99
42) 1,2-Dichloroethane	6.21	62	44391	19.31	ug/l	100
43) Isopropyl Acetate	6.48	43	78225	18.42	ug/l	99
44) Trichloroethene	7.22	130	32006	19.08	ug/l	99
45) 1,2-Dichloropropane	7.52	63	28633	19.29	ug/l	93
46) Dibromomethane	7.67	93	22235	18.93	ug/l	98
47) Bromodichloromethane	7.91	83	39250	19.00	ug/l	99
48) Methyl methacrylate	7.79	41	37364	17.86	ug/l	99
49) 1,4-Dioxane	7.77	88	16480	347.09	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	297748	92.90	ug/l	98
52) Toluene	8.79	92	76608	19.07	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	45168	18.55	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	45207	19.19	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	30944	19.02	ug/l	97
56) Ethyl methacrylate	9.19	69	47934	19.69	ug/l	97
57) 1,3-Dichloropropane	9.38	76	51872	18.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	126012	102.50	ug/l	99
59) 2-Hexanone	9.51	43	248336	90.87	ug/l	99
60) Dibromochloromethane	9.59	129	31033	18.09	ug/l	98
61) 1,2-Dibromoethane	9.68	107	33764	18.69	ug/l	99
64) Tetrachloroethene	9.34	164	28969	18.33	ug/l	94
65) Chlorobenzene	10.15	112	87499	19.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	29798	19.10	ug/l	98
67) Ethyl Benzene	10.26	91	150865	18.95	ug/l	99
68) m/p-Xylenes	10.37	106	117959	38.49	ug/l	99
69) o-Xylene	10.71	106	56685	19.25	ug/l	96
70) Styrene	10.72	104	94766	19.40	ug/l	99
71) Bromoform	10.87	173	23783	17.13	ug/l #	97
73) Isopropylbenzene	11.02	105	152012	19.45	ug/l	99
74) N-amyl acetate	6.48	43	78225	19.56	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	55046	20.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	49036m	19.59	ug/l	
77) Bromobenzene	11.26	156	39049	19.32	ug/l	97
78) n-propylbenzene	11.37	91	180248	19.59	ug/l	98
79) 2-Chlorotoluene	11.43	91	104064	20.05	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	129130	19.79	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	14776	18.08	ug/l	93
82) 4-Chlorotoluene	11.52	91	128776	20.41	ug/l	97
83) tert-Butylbenzene	11.78	119	128498	20.23	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	137501	20.49	ug/l	98
85) sec-Butylbenzene	11.96	105	160911	20.03	ug/l	100
86) p-Isopropyltoluene	12.07	119	142798	20.16	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	76126	19.81	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	77694	19.29	ug/l	98
89) n-Butylbenzene	12.40	91	136559	20.02	ug/l	99
90) Hexachloroethane	12.60	117	21315	18.68	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	75568	19.86	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14935	19.41	ug/l	92

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
Data File : VX000227.D
Acq On : 08 Mar 2018 18:29
Operator : JC/MD
Sample : VX0308MBS01
Misc : 5.00g/10mL/100uL5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBS01

Manual Integrations
APPROVED

apatel
3/9/2018 9:38:25 AM

Quant Time: Mar 09 04:24:29 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53782	19.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	21456	18.63	ug/l	97
95) Naphthalene	13.84	128	197155	20.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	52840	19.30	ug/l	99

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

