

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000228.D
 Acq On : 08 Mar 2018 18:54
 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 9:38:29 AM

Quant Time: Mar 09 04:31:16 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	132033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	225932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	229098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	94091	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.52	113	71021	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.73	98	293066	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.15	95	112617	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27793	19.32	ug/l	97
3) Chloromethane	1.32	50	28450	20.26	ug/l	98
4) Vinyl Chloride	1.41	62	33478	20.45	ug/l	99
5) Bromomethane	1.64	94	30043	16.93	ug/l	99
6) Chloroethane	1.73	64	22874	22.15	ug/l	94
7) Trichlorofluoromethane	1.93	101	59956	22.08	ug/l	98
8) Diethyl Ether	2.20	74	21495	21.57	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31569	20.81	ug/l	99
10) Methyl Iodide	2.52	142	25888	18.38	ug/l	98
11) Tert butyl alcohol	3.08	59	73464	109.24	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30200	21.69	ug/l	93
13) Acrolein	2.30	56	44572	126.06	ug/l	97
14) Allyl chloride	2.73	41	55158	21.44	ug/l	99
15) Acrylonitrile	3.16	53	131653	112.49	ug/l	99
16) Acetone	2.45	43	151211	115.04	ug/l	99
17) Carbon Disulfide	2.57	76	79199	20.76	ug/l	100
18) Methyl Acetate	2.79	43	62261	22.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	108427	21.86	ug/l	99
20) Methylene Chloride	2.86	84	34268	21.86	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32863	21.46	ug/l	97
22) Diisopropyl ether	3.89	45	80731	18.27	ug/l	94
23) Vinyl Acetate	3.84	43	387310	90.97	ug/l	99
24) 1,1-Dichloroethane	3.71	63	53233	19.66	ug/l	99
25) 2-Butanone	4.72	43	173171	106.76	ug/l	98
26) 2,2-Dichloropropane	4.60	77	38843	19.62	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	29540	20.34	ug/l	99
28) Bromochloromethane	5.04	49	25027	21.74	ug/l	99
29) Tetrahydrofuran	5.18	42	106415	104.45	ug/l	99
30) Chloroform	5.23	83	52721	20.14	ug/l	97
31) Cyclohexane	5.59	56	41381	20.66	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	47323	20.85	ug/l	98
36) 1,1-Dichloropropene	5.81	75	39821	19.81	ug/l	99
37) Ethyl Acetate	4.88	43	58148	20.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	39767	19.55	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	46163	18.71	ug/l	92
40) Benzene	6.15	78	115017	19.84	ug/l	100
41) Methacrylonitrile	5.08	41	28694	19.38	ug/l	99
42) 1,2-Dichloroethane	6.21	62	45985	20.22	ug/l	99
43) Isopropyl Acetate	6.48	43	82078	19.54	ug/l	99
44) Trichloroethene	7.23	130	32731	19.72	ug/l	99
45) 1,2-Dichloropropane	7.53	63	30394	20.70	ug/l	97
46) Dibromomethane	7.67	93	22759	19.59	ug/l	97
47) Bromodichloromethane	7.91	83	41690	20.40	ug/l	95
48) Methyl methacrylate	7.79	41	40702	19.67	ug/l	97
49) 1,4-Dioxane	7.77	88	19935	424.44	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	324536	102.36	ug/l	98
52) Toluene	8.79	92	79852	20.09	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	47370	19.67	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	46705	20.05	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	32497	20.19	ug/l	97
56) Ethyl methacrylate	9.19	69	49611	20.60	ug/l	98
57) 1,3-Dichloropropane	9.38	76	53726	19.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	121343	99.78	ug/l	99
59) 2-Hexanone	9.51	43	277319	102.58	ug/l	98
60) Dibromochloromethane	9.59	129	33884	19.97	ug/l	97
61) 1,2-Dibromoethane	9.68	107	36110	20.20	ug/l	98
64) Tetrachloroethene	9.34	164	31509	19.66	ug/l	98
65) Chlorobenzene	10.15	112	92904	20.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	31305	19.79	ug/l	98
67) Ethyl Benzene	10.26	91	161357	19.98	ug/l	99
68) m/p-Xylenes	10.37	106	125291	40.32	ug/l	100
69) o-Xylene	10.71	106	60456	20.24	ug/l	100
70) Styrene	10.72	104	99069	19.99	ug/l	98
71) Bromoform	10.87	173	25459	17.90	ug/l #	96
73) Isopropylbenzene	11.02	105	166617	20.83	ug/l	98
74) N-amyl acetate	6.48	43	82078	20.06	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59260	21.13	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	52405m	20.46	ug/l	
77) Bromobenzene	11.26	156	40869	19.76	ug/l	95
78) n-propylbenzene	11.37	91	193818	20.59	ug/l	99
79) 2-Chlorotoluene	11.43	91	111414	20.98	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	140016	20.97	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	15142	18.11	ug/l	95
82) 4-Chlorotoluene	11.52	91	136426	21.13	ug/l	97
83) tert-Butylbenzene	11.78	119	135061	20.79	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	144729	21.08	ug/l	99
85) sec-Butylbenzene	11.96	105	173325	21.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	153689	21.21	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	80266	20.42	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	83053	20.16	ug/l	98
89) n-Butylbenzene	12.40	91	146681	21.01	ug/l	98
90) Hexachloroethane	12.60	117	22886	19.60	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	79925	20.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16696	21.20	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	56416	19.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	22881	19.42	ug/l	99
95) Naphthalene	13.84	128	205790	20.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	56882	20.31	ug/l	98

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

