

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000922.D
 Acq On : 16 Apr 2018 16:41
 Operator : JC/MD
 Sample : VX0416MBS01
 Misc : 5.00µl/10mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/18/2018 2:45:07 PM

Quant Time: Apr 16 17:34:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	154613	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	5.51	113	126304	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.72	98	467102	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.15	95	190509	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	53031	19.60	ug/l	99
3) Chloromethane	1.32	50	48181	20.76	ug/l	98
4) Vinyl Chloride	1.40	62	53629	20.55	ug/l	95
5) Bromomethane	1.65	94	35039	31.94	ug/l	98
6) Chloroethane	1.73	64	34611	21.88	ug/l	99
7) Trichlorofluoromethane	1.93	101	81332	20.65	ug/l	99
8) Diethyl Ether	2.19	74	32289	21.95	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48140	20.73	ug/l	99
10) Methyl Iodide	2.51	142	29369	21.81	ug/l	100
11) Tert butyl alcohol	3.07	59	53825	100.29	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46100	20.95	ug/l	99
13) Acrolein	2.30	56	28538	109.50	ug/l	97
14) Allyl chloride	2.73	41	83614	20.55	ug/l	99
15) Acrylonitrile	3.15	53	135442	118.37	ug/l	100
16) Acetone	2.45	43	114841	110.17	ug/l	99
17) Carbon Disulfide	2.57	76	108735	16.32	ug/l	99
18) Methyl Acetate	2.78	43	68780	25.50	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	163310	22.28	ug/l	100
20) Methylene Chloride	2.86	84	51307	21.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48633	20.04	ug/l	97
22) Diisopropyl ether	3.88	45	170298	22.78	ug/l	98
23) Vinyl Acetate	3.83	43	733100	111.67	ug/l	98
24) 1,1-Dichloroethane	3.70	63	93246	22.22	ug/l	98
25) 2-Butanone	4.71	43	194509	112.99	ug/l	99
26) 2,2-Dichloropropane	4.59	77	78410	18.83	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59305	21.54	ug/l	99
28) Bromochloromethane	5.03	49	34685	20.53	ug/l	97
29) Tetrahydrofuran	5.18	42	123860	113.32	ug/l	100
30) Chloroform	5.23	83	97041	21.84	ug/l	100
31) Cyclohexane	5.59	56	79177	19.87	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	87770	20.74	ug/l	99
36) 1,1-Dichloropropene	5.81	75	71537	20.19	ug/l	100
37) Ethyl Acetate	4.87	43	76274	22.05	ug/l	100
38) Carbon Tetrachloride	5.79	117	75933	19.15	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	82011	19.27	ug/l	99
40) Benzene	6.15	78	210340	21.36	ug/l	100
41) Methacrylonitrile	5.07	41	44904	22.47	ug/l	99
42) 1,2-Dichloroethane	6.21	62	80080	21.78	ug/l	100
43) Isopropyl Acetate	6.48	43	126555	21.34	ug/l	100
44) Trichloroethene	7.22	130	64811	21.17	ug/l	99
45) 1,2-Dichloropropane	7.52	63	54659	21.80	ug/l	96
46) Dibromomethane	7.67	93	37796	21.62	ug/l	97
47) Bromodichloromethane	7.91	83	70499	19.98	ug/l	98
48) Methyl methacrylate	7.79	41	66709	21.70	ug/l	99
49) 1,4-Dioxane	7.76	88	22386	362.38	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	398204	114.31	ug/l	100
52) Toluene	8.79	92	139122	21.30	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	85333	20.17	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	80902	19.63	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	56662	21.85	ug/l	100
56) Ethyl methacrylate	9.19	69	85471	21.37	ug/l	99
57) 1,3-Dichloropropane	9.38	76	93836	22.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	218991	117.18	ug/l	99
59) 2-Hexanone	9.51	43	302124	112.34	ug/l	100
60) Dibromochloromethane	9.59	129	59390	19.14	ug/l	99
61) 1,2-Dibromoethane	9.68	107	60046	21.83	ug/l	100
64) Tetrachloroethene	9.34	164	65355	21.60	ug/l	99
65) Chlorobenzene	10.15	112	165491	21.25	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	58672	20.02	ug/l	99
67) Ethyl Benzene	10.26	91	271899	20.95	ug/l	100
68) m/p-Xylenes	10.37	106	214260	41.82	ug/l	100
69) o-Xylene	10.71	106	102840	20.82	ug/l	97
70) Styrene	10.72	104	174441	20.95	ug/l	100
71) Bromoform	10.87	173	47092	17.36	ug/l #	99
73) Isopropylbenzene	11.02	105	281521	21.03	ug/l	99
74) N-amyl acetate	6.48	43	126555	20.99	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83438	21.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87041m	23.91	ug/l	
77) Bromobenzene	11.26	156	81742	20.83	ug/l	100
78) n-propylbenzene	11.37	91	316401	20.66	ug/l	100
79) 2-Chlorotoluene	11.43	91	189650	20.95	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	236472	20.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21115	15.96	ug/l	88
82) 4-Chlorotoluene	11.52	91	228276	20.89	ug/l	99
83) tert-Butylbenzene	11.77	119	240565	20.42	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	247089	20.78	ug/l	99
85) sec-Butylbenzene	11.95	105	286764	20.63	ug/l	99
86) p-Isopropyltoluene	12.07	119	262941	20.29	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	151560	20.87	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153985	20.69	ug/l	99
89) n-Butylbenzene	12.40	91	229124	20.03	ug/l	100
90) Hexachloroethane	12.60	117	36058	16.44	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	149157	21.27	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17513	17.99	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122268	20.44	µg/l	99
94) Hexachlorobutadiene	13.79	225	51316	17.44	µg/l	98
95) Naphthalene	13.84	128	324266	21.11	µg/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	119518	20.57	µg/l	99

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

