Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007265.D
Acq On : 23 Aug 2016 22:54
Operator : UM/SJ
Sample : MDL-03-S-ML
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 24 06:45:33 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Manual Integrations APPROVED
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8/24/2016 4:15:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	146840	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	718880	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	524465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1450391	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2166279	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2431519	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	6211	2.16	ng/uL	0.00
5) Phenol-d5	6.97	99	302867	21.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	179598	24.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	240417	23.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	269563	22.28	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	127514	24.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	150607	24.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	274240	22.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	391856	25.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1223451	27.04	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1328134	25.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	224413	26.27	ng/ul	0.00
57) Fluorene-d10	15.43	176	1020854	26.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	218408	23.95	ng/ul	0.00
70) Anthracene-d10	17.27	188	1823922	26.92	ng/ul	0.00
76) Pyrene-d10	19.57	212	2375229	26.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3028236	27.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	1790	0.56	ng/uL#	78
4) Benzaldehyde	6.95	77	19211	2.43	ng/ul	93
6) Phenol	6.99	94	27001	1.88	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.23	93	20145	2.01	ng/ul	98
10) 2-Chlorophenol	7.37	128	19301	1.84	ng/ul	93
11) 2-Methylphenol	8.24	108	18783	1.67	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	21912	1.94	ng/ul#	96
14) Acetophenone	8.62	105	37988	2.05	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.60	70	18108	1.84	ng/ul	100
16) 4-Methylphenol	8.56	108	22485	1.78	ng/ul	100
17) Hexachloroethane	8.87	117	7726	1.89	ng/ul#	84
20) Nitrobenzene	9.00	77	27404	2.02	ng/ul	96
21) Isophorone	9.52	82	51747	1.87	ng/ul	99
23) 2-Nitrophenol	9.70	139	12810	1.91	ng/ul	93
24) 2,4-Dimethylphenol	9.76	107	28038	1.90	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.00	93	30485	1.96	ng/ul	94
27) 2,4-Dichlorophenol	10.23	162	22863	1.88	ng/ul	89
28) Naphthalene	10.64	128	68661	1.92	ng/ul	97
30) 4-Chloroaniline	10.75	127	31491	2.00	ng/ul	97
31) Hexachlorobutadiene	10.92	225	16673	2.02	ng/ul	96
32) Caprolactam	11.54	113	9279m	1.89	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	26398	1.75	ng/ul	86
34) 2-Methylnaphthalene	12.25	142	56890	1.94	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	34321	1.97 ng/ul#	93
37) Hexachlorocyclopentadiene	12.60	237	15359	1.46 ng/ul	95
38) 2,4,6-Trichlorophenol	12.86	196	20598	1.67 ng/ul	90
39) 2,4,5-Trichlorophenol	12.93	196	21694	1.68 ng/ul	98
40) 1,1'-Biphenyl	13.26	154	80990	1.99 ng/ul	98
41) 2-Chloronaphthalene	13.30	162	61800	1.94 ng/ul	97
42) 2-Nitroaniline	13.52	65	16772	1.61 ng/ul	95
44) Dimethylphthalate	13.89	163	100759	2.24 ng/ul	98
45) 2,6-Dinitrotoluene	14.01	165	16265	1.77 ng/ul#	75
47) Acenaphthylene	14.15	152	108979	2.02 ng/ul	97
48) 3-Nitroaniline	14.34	138	16894	1.80 ng/ul	98
49) Acenaphthene	14.50	153	72272	2.06 ng/ul	97
50) 2,4-Dinitrophenol	14.55	184	6960	1.11 ng/ul#	88
52) 4-Nitrophenol	14.64	109	19228	2.12 ng/ul	90
53) Dibenzofuran	14.83	168	111003	2.11 ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	27384	1.94 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.06	232	24415	1.85 ng/ul#	93
56) Diethylphthalate	15.26	149	100562	2.14 ng/ul	98
58) Fluorene	15.48	166	92568	2.14 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.47	204	48693	2.15 ng/ul	95
60) 4-Nitroaniline	15.50	138	21542	2.02 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	19459	2.00 ng/ul#	39
64) N-Nitrosodiphenylamine	15.69	169	83433	2.06 ng/ul	96
65) 4-Bromophenyl-phenylether	16.37	248	31870	1.95 ng/ul#	88
66) Hexachlorobenzene	16.48	284	39511	2.15 ng/ul	95
67) Atrazine	16.64	200	34674	2.03 ng/ul	98
68) Pentachlorophenol	16.83	266	19298	1.63 ng/ul	96
69) Phenanthrene	17.22	178	166653	2.14 ng/ul	99
71) Anthracene	17.31	178	173561	2.16 ng/ul	95
72) Carbazole	17.58	167	151905	2.17 ng/ul	98
73) Di-n-butylphthalate	18.14	149	178529	2.03 ng/ul	99
74) Fluoranthene	19.23	202	228746	2.34 ng/ul	99
77) Pyrene	19.59	202	256031	2.20 ng/ul	99
78) Butylbenzylphthalate	20.49	149	85230	1.76 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	88934	2.07 ng/ul	98
80) Benzo(a)anthracene	21.34	228	284840	2.23 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	131535	1.88 ng/ul	97
82) Chrysene	21.39	228	259008	2.24 ng/ul	98
84) Di-n-octyl phthalate	22.16	149	237258	1.96 ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	311825	2.17 ng/ul	97
86) Benzo(k)fluoranthene	22.99	252	297005	2.24 ng/ul	100
88) Benzo(a)pyrene	23.53	252	313315	2.28 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	376706	2.23 ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	316966	2.26 ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	314185	2.19 ng/ul	97

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

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