Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092816\
Data File : BM007615.D
Acq On : 28 Sep 2016 23:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Quant Time: Sep 29 01:42:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 01:41:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	171399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	841344	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	684245	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1566999	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	2102270	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	1943410	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	29482	8.46	ng/uL	0.00
5) Phenol-d5	6.95	99	315237	20.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	178222	21.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	233344	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	272549	20.99	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	124000	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	142535	20.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	285185	20.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	300133	21.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1015727	20.41	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1188267	20.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	172082	19.59	ng/ul	0.00
57) Fluorene-d10	15.40	176	888620	20.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	180899	18.92	ng/ul	0.00
70) Anthracene-d10	17.25	188	1485378	20.63	ng/ul	0.00
76) Pyrene-d10	19.54	212	1830891	21.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	1787471	20.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	30578	8.36	ng/uL	96
4) Benzaldehyde	6.93	77	214369	21.01	ng/ul	98
6) Phenol	6.97	94	322365	20.88	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.20	93	235397	21.29	ng/ul	97
10) 2-Chlorophenol	7.34	128	232329	20.97	ng/ul	93
11) 2-Methylphenol	8.22	108	245000	20.59	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.31	45	269836	22.44	ng/ul	97
14) Acetophenone	8.59	105	423664	21.42	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	225530	22.46	ng/ul	95
16) 4-Methylphenol	8.54	108	285054	21.41	ng/ul	97
17) Hexachloroethane	8.84	117	94481	20.84	ng/ul	98
20) Nitrobenzene	8.97	77	325305	21.10	ng/ul	96
21) Isophorone	9.49	82	626373	21.24	ng/ul	98
23) 2-Nitrophenol	9.68	139	149847	21.07	ng/ul	98
24) 2,4-Dimethylphenol	9.73	107	346237	21.05	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.97	93	355086	21.10	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	279719	20.85	ng/ul	96
28) Naphthalene	10.60	128	845397	20.80	ng/ul	99
30) 4-Chloroaniline	10.72	127	301124	20.13	ng/ul	95
31) Hexachlorobutadiene	10.89	225	190060	19.39	ng/ul	96
32) Caprolactam	11.50	113	98975	20.16	ng/ul	97
33) 4-Chloro-3-methylphenol	11.85	107	351882	21.54	ng/ul	94
34) 2-Methylnaphthalene	12.22	142	669496	20.99	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	398850	19.77	ng/ul	97
37) Hexachlorocyclopentadiene	12.56	237	179944	16.61	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	264479	20.55	ng/ul	100
39) 2,4,5-Trichlorophenol	12.91	196	297722	21.14	ng/ul	97
40) 1,1'-Biphenyl	13.23	154	930742	20.48	ng/ul	98
41) 2-Chloronaphthalene	13.28	162	711649	20.13	ng/ul	99
42) 2-Nitroaniline	13.49	65	232136	21.37	ng/ul	99
44) Dimethylphthalate	13.86	163	978811	20.28	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	201827	21.08	ng/ul	93
47) Acenaphthylene	14.13	152	1185632	20.68	ng/ul	99
48) 3-Nitroaniline	14.32	138	194152	19.95	ng/ul	95
49) Acenaphthene	14.47	153	813893	20.64	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	104843	16.39	ng/ul	88
52) 4-Nitrophenol	14.63	109	168257	18.40	ng/ul	94
53) Dibenzofuran	14.80	168	1186173	20.39	ng/ul	96
54) 2,4-Dinitrotoluene	14.78	165	310633	21.03	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	289121	20.74	ng/ul	96
56) Diethylphthalate	15.23	149	1007071	20.45	ng/ul	99
58) Fluorene	15.46	166	979643	20.41	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.45	204	512313	20.28	ng/ul	98
60) 4-Nitroaniline	15.49	138	214089	20.00	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.54	198	186532	19.00	ng/ul	99
64) N-Nitrosodiphenylamine	15.66	169	881956	20.83	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	345250	20.22	ng/ul	98
66) Hexachlorobenzene	16.46	284	391713	20.36	ng/ul	96
67) Atrazine	16.62	200	357202	20.27	ng/ul	99
68) Pentachlorophenol	16.80	266	230053	19.10	ng/ul	97
69) Phenanthrene	17.19	178	1700949	20.50	ng/ul	99
71) Anthracene	17.29	178	1739591	20.65	ng/ul	100
72) Carbazole	17.56	167	1564408	20.90	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1753675	20.71	ng/ul	99
74) Fluoranthene	19.21	202	2187992	20.91	ng/ul	99
77) Pyrene	19.57	202	2262765	21.94	ng/ul	98
78) Butylbenzylphthalate	20.47	149	878136	22.18	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.25	252	716934	18.56	ng/ul	99
80) Benzo(a)anthracene	21.32	228	2362692	20.57	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.24	149	1279687	22.42	ng/ul	98
82) Chrysene	21.37	228	2239571	20.41	ng/ul	98
84) Di-n-octyl phthalate	22.12	149	2298867	24.49	ng/ul	100
85) Benzo(b)fluoranthene	22.92	252	2419684	22.19	ng/ul	100
86) Benzo(k)fluoranthene	22.96	252	2155367	20.55	ng/ul	99
88) Benzo(a)pyrene	23.50	252	2162776	20.67	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.88	276	2201062	19.04	ng/ul	99
90) Dibenzo(a,h)anthracene	25.89	278	1811317	19.03	ng/ul	99
91) Benzo(g,h,i)perylene	26.57	276	1804485	18.61	ng/ul	99

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

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