Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092616\
Data File : BM007592.D
Acq On : 27 Sep 2016 03:43
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Quant Time: Sep 27 04:16:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 27 03:37:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	173141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	817067	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	638646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1503530	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2194094	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2177892	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	29867	8.48	ng/uL	0.00
5) Phenol-d5	6.95	99	306427	19.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	172556	20.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	227158	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	261604	19.94	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	118087	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	133811	20.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	273631	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	310141	22.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	946777	20.38	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1115516	20.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	162985	19.88	ng/ul	0.00
57) Fluorene-d10	15.40	176	842597	20.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	170035	18.53	ng/ul	0.00
70) Anthracene-d10	17.25	188	1419982	20.55	ng/ul	0.00
76) Pyrene-d10	19.54	212	1824755	20.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	1995724	20.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	32612	8.83	ng/uL	92
4) Benzaldehyde	6.93	77	213852	20.75	ng/ul	98
6) Phenol	6.97	94	312858	20.06	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	231672	20.74	ng/ul	96
10) 2-Chlorophenol	7.35	128	231728	20.71	ng/ul	96
11) 2-Methylphenol	8.22	108	237365	19.75	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.31	45	255532	21.03	ng/ul	97
14) Acetophenone	8.60	105	407588	20.40	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	211696	20.87	ng/ul	95
16) 4-Methylphenol	8.55	108	269308	20.02	ng/ul	96
17) Hexachloroethane	8.85	117	92739	20.25	ng/ul	98
20) Nitrobenzene	8.97	77	312391	20.87	ng/ul	98
21) Isophorone	9.50	82	586962	20.50	ng/ul	99
23) 2-Nitrophenol	9.68	139	140847	20.40	ng/ul	94
24) 2,4-Dimethylphenol	9.74	107	327276	20.49	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.97	93	333153	20.39	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	268312	20.59	ng/ul	98
28) Naphthalene	10.61	128	807888	20.47	ng/ul	100
30) 4-Chloroaniline	10.72	127	317326	21.84	ng/ul	95
31) Hexachlorobutadiene	10.89	225	186259	19.57	ng/ul	94
32) Caprolactam	11.50	113	91367	19.16	ng/ul	91
33) 4-Chloro-3-methylphenol	11.85	107	327039	20.62	ng/ul	92
34) 2-Methylnaphthalene	12.22	142	635199	20.51	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	384419	20.42 ng/ul	99
37) Hexachlorocyclopentadiene	12.57	237	169316	16.74 ng/ul	98
38) 2,4,6-Trichlorophenol	12.84	196	247325	20.59 ng/ul	98
39) 2,4,5-Trichlorophenol	12.91	196	275379	20.95 ng/ul	98
40) 1,1'-Biphenyl	13.24	154	890288	20.99 ng/ul	98
41) 2-Chloronaphthalene	13.28	162	678335	20.56 ng/ul	98
42) 2-Nitroaniline	13.49	65	220644	21.76 ng/ul	97
44) Dimethylphthalate	13.87	163	910427	20.21 ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	184441	20.64 ng/ul	92
47) Acenaphthylene	14.13	152	1111887	20.77 ng/ul	99
48) 3-Nitroaniline	14.32	138	192198	21.16 ng/ul	90
49) Acenaphthene	14.47	153	755424	20.53 ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	98337	16.47 ng/ul	88
52) 4-Nitrophenol	14.63	109	168998	19.80 ng/ul	88
53) Dibenzofuran	14.81	168	1123219	20.69 ng/ul	97
54) 2,4-Dinitrotoluene	14.78	165	288951	20.96 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.04	232	272479	20.94 ng/ul#	99
56) Diethylphthalate	15.23	149	939529	20.44 ng/ul	99
58) Fluorene	15.46	166	920888	20.55 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	482622	20.47 ng/ul	98
60) 4-Nitroaniline	15.49	138	212798	21.30 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.54	198	175535	18.64 ng/ul	95
64) N-Nitrosodiphenylamine	15.67	169	827056	20.36 ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	329138	20.09 ng/ul	98
66) Hexachlorobenzene	16.46	284	368618	19.97 ng/ul	97
67) Atrazine	16.62	200	341010	20.17 ng/ul	98
68) Pentachlorophenol	16.80	266	219193	18.96 ng/ul	99
69) Phenanthrene	17.19	178	1624178	20.40 ng/ul	99
71) Anthracene	17.29	178	1664319	20.59 ng/ul	99
72) Carbazole	17.56	167	1514272	21.08 ng/ul	99
73) Di-n-butylphthalate	18.12	149	1679561	20.67 ng/ul	99
74) Fluoranthene	19.21	202	2146452	21.38 ng/ul	99
77) Pyrene	19.57	202	2252800	20.93 ng/ul	98
78) Butylbenzylphthalate	20.47	149	872183	21.11 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.26	252	823466	20.43 ng/ul	100
80) Benzo(a)anthracene	21.32	228	2468900	20.59 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.24	149	1268970	21.30 ng/ul	99
82) Chrysene	21.37	228	2362089	20.63 ng/ul	99
84) Di-n-octyl phthalate	22.13	149	2352902	22.37 ng/ul	99
85) Benzo(b)fluoranthene	22.92	252	2546940	20.84 ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	2524702	21.48 ng/ul	99
88) Benzo(a)pyrene	23.50	252	2440282	20.81 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.89	276	2572391	19.86 ng/ul	99
90) Dibenzo(a,h)anthracene	25.89	278	2119369	19.87 ng/ul	99
91) Benzo(g,h,i)perylene	26.58	276	2159121	19.87 ng/ul	99

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

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