Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091259.D
Acq On : 21 Nov 2016 22:42
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Quant Time: Nov 22 10:28:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:03:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	208624	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	810443	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	423780	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	729061	20.00	ng		0.00
75) Chrysene-d12	13.72	240	478710	20.00	ng		0.01
86) Perylene-d12	15.07	264	451446	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	2262797	181.20	ng		0.01
7) Phenol-d6	6.25	99	2267313	135.49	ng		0.01
23) Nitrobenzene-d5	7.16	82	2283568	152.95	ng		0.01
41) 2,4,6-Tribromophenol	10.41	330	663386	172.89	ng		0.01
44) 2-Fluorobiphenyl	8.94	172	3102875	125.22	ng		0.00
78) Terphenyl-d14	12.67	244	3393783	175.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	448313	64.10	ng		98
3) Pyridine	2.60	79	1168748	70.10	ng		98
4) n-Nitrosodimethylamine	2.59	42	672159	97.42	ng		97
6) Aniline	6.25	93	1420540	72.28	ng		92
8) 2-Chlorophenol	6.36	128	961703	65.40	ng	#	82
9) Benzaldehyde	6.12	77	577050	63.59	ng		88
10) Phenol	6.26	94	1354910	72.04	ng		92
11) bis(2-Chloroethyl)ether	6.33	93	1077183	69.15	ng		97
12) 1,3-Dichlorobenzene	6.51	146	1086184m	72.16	ng		
13) 1,4-Dichlorobenzene	6.59	146	1132344	70.04	ng		96
14) 1,2-Dichlorobenzene	6.75	146	929084	63.55	ng		94
15) Benzyl Alcohol	6.74	79	936313	77.85	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1785303	76.74	ng		73
17) 2-Methylphenol	7.02	107	968024	79.84	ng		93
18) Hexachloroethane	7.08	117	429967	69.46	ng		91
19) n-Nitroso-di-n-propylamine	7.02	70	830717	71.83	ng	#	85
20) 3+4-Methylphenols	7.02	107	968024	68.64	ng		93
22) Acetophenone	7.01	105	1477435	79.10	ng	#	97
24) Nitrobenzene	7.17	77	1136069	70.62	ng		98
25) Isophorone	7.42	82	2068923	72.51	ng		100
26) 2-Nitrophenol	7.49	139	592012	84.72	ng	#	80
27) 2,4-Dimethylphenol	7.55	122	895550	79.19	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	1076013	69.84	ng		99
29) 2,4-Dichlorophenol	7.74	162	796704	78.05	ng		94
30) 1,2,4-Trichlorobenzene	7.81	180	936581	82.87	ng		99
31) Naphthalene	7.88	128	2684710	69.91	ng		99
32) Benzoic acid	7.76	122	666916	84.80	ng		98
33) 4-Chloroaniline	7.95	127	1230371	76.92	ng		96
34) Hexachlorobutadiene	8.01	225	570696	91.62	ng		98
35) Caprolactam	8.36	113	227930	72.95	ng	#	90
36) 4-Chloro-3-methylphenol	8.45	107	842193	70.10	ng		99
37) 2-Methylnaphthalene	8.58	142	1886770	75.68	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	906788	84.89	ng		98
40) Hexachlorocyclopentadiene	8.73	237	304540	89.28	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	541132	78.09	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	555682	76.64	ng	#	84
45) 1,1'-Biphenyl	9.05	154	2355771	77.15	ng		96
46) 2-Chloronaphthalene	9.07	162	1777991	76.59	ng		96
47) 2-Nitroaniline	9.17	65	646717	75.26	ng	#	78
48) Acenaphthylene	9.47	152	2615923	71.96	ng		98
49) Dimethylphthalate	9.37	163	2155771	77.48	ng		99
50) 2,6-Dinitrotoluene	9.42	165	477291	79.46	ng		99
51) Acenaphthene	9.65	154	1682459	73.31	ng		99
52) 3-Nitroaniline	9.60	138	549595	78.37	ng		98
54) Dibenzofuran	9.82	168	2270223	73.49	ng		93
55) 4-Nitrophenol	9.78	139	250104m	68.64	ng		
56) 2,4-Dinitrotoluene	9.82	165	517118	70.21	ng	#	32
57) Fluorene	10.16	166	1754224	69.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	457930	80.23	ng		98
59) Diethylphthalate	10.05	149	1783265	64.17	ng		97
60) 4-Chlorophenyl-phenylether	10.16	204	816541	72.36	ng	#	85
61) 4-Nitroaniline	10.21	138	475937	67.64	ng		88
62) Azobenzene	10.32	77	2195812	66.42	ng		87
64) 4,6-Dinitro-2-methylphenol	10.25	198	377063	83.95	ng	#	44
65) n-Nitrosodiphenylamine	10.28	169	1425853	61.82	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	581875	76.07	ng	#	75
67) Hexachlorobenzene	10.70	284	582798	70.06	ng	#	79
69) Pentachlorophenol	10.91	266	258971	71.09	ng		98
70) Phenanthrene	11.12	178	2665499	70.42	ng		98
71) Anthracene	11.16	178	2557315	62.09	ng		99
72) Carbazole	11.33	167	2605689	70.46	ng		99
73) Di-n-butylphthalate	11.67	149	2691705	58.85	ng	#	98
77) Pyrene	12.52	202	2749405	85.06	ng		97
79) Butylbenzylphthalate	13.15	149	1199936	79.09	ng		90
80) Benzo(a)anthracene	13.71	228	2165258	79.46	ng		100
81) 3,3'-Dichlorobenzidine	13.68	252	676258	69.77	ng	#	98
82) Chrysene	13.75	228	2062519	76.05	ng		98
83) Bis(2-ethylhexyl)phthalate	13.71	149	1502150	74.85	ng		99
84) Di-n-octyl phthalate	14.33	149	2496168	75.48	ng		96
85) Indeno(1,2,3-cd)pyrene	16.32	276	2064338	92.35	ng		99
87) Benzo(b)fluoranthene	14.72	252	2400609m	81.81	ng		
89) Benzo(a)pyrene	15.03	252	1825977	70.38	ng	#	96
90) Dibenzo(a,h)anthracene	16.33	278	1711001	76.04	ng	#	94
91) Benzo(g,h,i)perylene	16.68	276	1770380	85.58	ng		97

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

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