Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091759.D
Acq On : 19 Dec 2016 2:36
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 19 04:06:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	323132	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1274842	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	689419	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1099123	20.00	ng		0.00
75) Chrysene-d12	13.93	240	850459	20.00	ng		0.00
86) Perylene-d12	15.33	264	755787	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1605588	83.25	ng		0.00
7) Phenol-d6	6.42	99	1933206	82.19	ng		0.00
23) Nitrobenzene-d5	7.34	82	1918585	86.79	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	468982	80.22	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	2910799	84.82	ng		0.00
78) Terphenyl-d14	12.88	244	2512038	74.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	393172	41.39	ng		98
3) Pyridine	2.99	79	1285668	42.02	ng		98
4) n-Nitrosodimethylamine	2.96	42	545748	46.08	ng		98
6) Aniline	6.43	93	1273159	42.07	ng		95
8) 2-Chlorophenol	6.56	128	880818	41.49	ng		99
9) Benzaldehyde	6.32	77	587181	43.92	ng		99
10) Phenol	6.43	94	1074531	40.53	ng		98
11) bis(2-Chloroethyl)ether	6.51	93	844147	39.86	ng		100
12) 1,3-Dichlorobenzene	6.70	146	922888	39.58	ng	#	89
13) 1,4-Dichlorobenzene	6.78	146	907681	38.48	ng		99
14) 1,2-Dichlorobenzene	6.94	146	906566	43.87	ng		98
15) Benzyl Alcohol	6.92	79	746960	41.02	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1361155	42.07	ng		100
17) 2-Methylphenol	7.04	107	729062	41.09	ng		99
18) Hexachloroethane	7.29	117	368842	42.08	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	608912	38.92	ng		99
20) 3+4-Methylphenols	7.20	107	826226	41.75	ng		97
22) Acetophenone	7.18	105	1296801	42.13	ng		99
24) Nitrobenzene	7.36	77	905047	38.12	ng		99
25) Isophorone	7.61	82	1833112	43.46	ng		99
26) 2-Nitrophenol	7.68	139	514276	44.91	ng		96
27) 2,4-Dimethylphenol	7.72	122	797338	42.68	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1027408	41.63	ng		99
29) 2,4-Dichlorophenol	7.92	162	708906	41.14	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	770746	41.28	ng	#	95
31) Naphthalene	8.08	128	2330489	38.26	ng		100
32) Benzoic acid	7.87	122	544198	40.87	ng		99
33) 4-Chloroaniline	8.13	127	1104333	43.04	ng		99
34) Hexachlorobutadiene	8.20	225	448284	42.70	ng		99
35) Caprolactam	8.52	113	235900	42.55	ng	#	70
36) 4-Chloro-3-methylphenol	8.62	107	802033	42.19	ng		99
37) 2-Methylnaphthalene	8.77	142	1695997	44.17	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	690442	40.18	ng		99
40) Hexachlorocyclopentadiene	8.92	237	267267	36.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	510196	41.55	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	492521	40.83	ng		99
45) 1,1'-Biphenyl	9.24	154	2107178	42.64	ng		98
46) 2-Chloronaphthalene	9.26	162	1596009	43.22	ng		98
47) 2-Nitroaniline	9.36	65	502059	39.82	ng		97
48) Acenaphthylene	9.68	152	2444005	42.72	ng		100
49) Dimethylphthalate	9.55	163	1979886	43.97	ng		100
50) 2,6-Dinitrotoluene	9.61	165	453509	45.93	ng		98
51) Acenaphthene	9.85	154	1643460	41.85	ng		99
52) 3-Nitroaniline	9.78	138	536924	43.68	ng	#	69
53) 2,4-Dinitrophenol	9.88	184	188423	35.32	ng		99
54) Dibenzofuran	10.02	168	2141245	45.86	ng		98
55) 4-Nitrophenol	9.94	139	312889	36.65	ng		99
56) 2,4-Dinitrotoluene	10.01	165	546130	44.28	ng		95
57) Fluorene	10.36	166	1681926	46.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	392613	39.37	ng		100
59) Diethylphthalate	10.24	149	1787500	40.38	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	646632	39.14	ng		99
61) 4-Nitroaniline	10.38	138	478673	41.10	ng		99
62) Azobenzene	10.51	77	1909546	40.54	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	296751	40.94	ng		89
65) n-Nitrosodiphenylamine	10.48	169	1512417	44.31	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	494409	42.90	ng		95
67) Hexachlorobenzene	10.91	284	531092	43.97	ng	#	90
68) Atrazine	11.00	200	432013	41.89	ng		97
69) Pentachlorophenol	11.10	266	278142	42.68	ng		99
70) Phenanthrene	11.32	178	2467608	44.93	ng		99
71) Anthracene	11.37	178	2332039	40.09	ng		100
72) Carbazole	11.53	167	2395028	47.08	ng		100
73) Di-n-butylphthalate	11.86	149	2605794	39.96	ng		100
74) Fluoranthene	12.50	202	2246986	39.17	ng		99
76) Benzidine	12.62	184	881654	36.01	ng		98
77) Pyrene	12.73	202	2304790	37.53	ng		99
79) Butylbenzylphthalate	13.36	149	1263651	43.96	ng		91
80) Benzo(a)anthracene	13.92	228	1902021	39.10	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	699334	35.93	ng		97
82) Chrysene	13.95	228	1778577	35.27	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1389099	38.10	ng	#	98
84) Di-n-octyl phthalate	14.53	149	2746949	40.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1735250	35.00	ng		99
87) Benzo(b)fluoranthene	14.93	252	1849788	38.60	ng		99
88) Benzo(k)fluoranthene	14.97	252	1837919m	54.66	ng		
89) Benzo(a)pyrene	15.28	252	1712004	41.62	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	1453110	40.53	ng	#	95
91) Benzo(g,h,i)perylene	17.09	276	1476040	40.51	ng		98

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

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