Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091784.D
Acq On : 19 Dec 2016 20:25
Operator : UM/SJ
Sample : PB95441BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Manual Integrations APPROVED
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12/20/2016 6:32:41 PM

Quant Time: Dec 20 00:14:48 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	6.76	152	257597	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	1019583	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	544349	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	848645	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	550381	20.00	ng		-0.01
86) Perylene-d12	15.31	264	545783	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1955967	127.21	ng		0.01
7) Phenol-d6	6.41	99	2287903	122.01	ng		-0.01
23) Nitrobenzene-d5	7.33	82	1624096	91.86	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	510371	110.57	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	2442787	90.16	ng		-0.01
78) Terphenyl-d14	12.87	244	2078942	95.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	330940	43.71	ng		97
3) Pyridine	3.09	79	872402	35.76	ng		96
4) n-Nitrosodimethylamine	3.06	42	393273	41.66	ng		99
6) Aniline	6.42	93	247769	10.27	ng	#	1
8) 2-Chlorophenol	6.54	128	667610	39.45	ng		98
9) Benzaldehyde	6.30	77	101509	6.75	ng		94
10) Phenol	6.42	94	688408	32.57	ng		88
11) bis(2-Chloroethyl)ether	6.50	93	634824	37.61	ng		98
12) 1,3-Dichlorobenzene	6.69	146	716509	38.55	ng	#	89
13) 1,4-Dichlorobenzene	6.77	146	706933	37.59	ng		100
14) 1,2-Dichlorobenzene	6.93	146	702935	42.67	ng		98
15) Benzyl Alcohol	6.91	79	582303	40.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	983638	38.13	ng		100
17) 2-Methylphenol	7.04	107	570385	40.33	ng		97
18) Hexachloroethane	7.28	117	277336	39.69	ng		95
19) n-Nitroso-di-n-propylamine	7.18	70	495794	39.75	ng		96
20) 3+4-Methylphenols	7.18	107	705462	44.72	ng	#	83
22) Acetophenone	7.17	105	959137	38.96	ng		97
24) Nitrobenzene	7.34	77	712925	37.55	ng		97
25) Isophorone	7.58	82	1376637	40.81	ng		95
26) 2-Nitrophenol	7.66	139	389365	42.51	ng		95
27) 2,4-Dimethylphenol	7.71	122	625976	41.89	ng		100
28) bis(2-Chloroethoxy)methane	7.80	93	855583	43.35	ng		99
29) 2,4-Dichlorophenol	7.90	162	553638	40.18	ng		87
30) 1,2,4-Trichlorobenzene	7.98	180	582075	38.98	ng	#	95
31) Naphthalene	8.06	128	1839069	37.75	ng		100
32) Benzoic acid	7.85	122	373403	35.07	ng		95
33) 4-Chloroaniline	8.12	127	108810	5.30	ng		95
34) Hexachlorobutadiene	8.19	225	334348	39.82	ng		99
35) Caprolactam	8.50	113	191970m	43.29	ng		
36) 4-Chloro-3-methylphenol	8.61	107	594274	39.09	ng		99
37) 2-Methylnaphthalene	8.76	142	1337429	43.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	528727	38.97	ng		99
40) Hexachlorocyclopentadiene	8.91	237	464397	80.75	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	395733	40.82	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	391989	41.16	ng	#	85
45) 1,1'-Biphenyl	9.23	154	1546142	39.63	ng		97
46) 2-Chloronaphthalene	9.25	162	1177649	40.39	ng		95
47) 2-Nitroaniline	9.34	65	372490	37.42	ng		97
48) Acenaphthylene	9.66	152	1901396	42.09	ng		99
49) Dimethylphthalate	9.53	163	1323114	37.21	ng		99
50) 2,6-Dinitrotoluene	9.58	165	306268	39.28	ng	#	64
51) Acenaphthene	9.84	154	1245688	40.17	ng		99
52) 3-Nitroaniline	9.76	138	76142	7.84	ng		80
53) 2,4-Dinitrophenol	9.87	184	295033	70.05	ng		96
54) Dibenzofuran	10.01	168	1684315	45.68	ng		97
55) 4-Nitrophenol	9.94	139	561108	83.24	ng	#	80
56) 2,4-Dinitrotoluene	10.00	165	435392	44.71	ng		96
57) Fluorene	10.35	166	1262472	44.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	305737	38.83	ng		99
59) Diethylphthalate	10.22	149	1314731	37.61	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	511829	39.24	ng		97
61) 4-Nitroaniline	10.37	138	334582	36.38	ng		93
62) Azobenzene	10.50	77	1508894	40.57	ng		98
64) 4,6-Dinitro-2-methylphenol	10.41	198	196587	35.12	ng		81
65) n-Nitrosodiphenylamine	10.46	169	1169898	44.39	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	384831	43.24	ng	#	88
67) Hexachlorobenzene	10.90	284	386972	41.50	ng	#	85
68) Atrazine	10.99	200	327753	41.16	ng		97
69) Pentachlorophenol	11.09	266	409254	81.33	ng		99
70) Phenanthrene	11.30	178	1740676	41.05	ng		98
71) Anthracene	11.36	178	1911129	42.55	ng		99
72) Carbazole	11.52	167	1772158	45.12	ng		97
73) Di-n-butylphthalate	11.85	149	1981452	39.35	ng		99
74) Fluoranthene	12.49	202	1847578	41.72	ng		96
76) Benzidine	12.61	184	266797	16.84	ng		97
77) Pyrene	12.72	202	1889493	47.54	ng		100
79) Butylbenzylphthalate	13.35	149	903721	48.58	ng	#	81
80) Benzo(a)anthracene	13.89	228	1363812	43.32	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	188650	14.98	ng		99
82) Chrysene	13.94	228	1465864	44.92	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	1040320	44.09	ng	#	97
84) Di-n-octyl phthalate	14.51	149	1863126	42.85	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	1212811	37.80	ng		100
87) Benzo(b)fluoranthene	14.91	252	1684300m	48.67	ng		
88) Benzo(k)fluoranthene	14.95	252	937039m	38.59	ng		
89) Benzo(a)pyrene	15.25	252	1225782	41.27	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	1006585	38.88	ng	#	95
91) Benzo(g,h,i)perylene	17.06	276	1032239	39.23	ng		99

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

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