Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091722.D
Acq On : 18 Dec 2016 00:44
Operator : UM/SJ
Sample : PB95408BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Manual Integrations APPROVED
umangi
12/20/2016 11:40:56 AM

Quant Time: Dec 18 03:21:45 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	303434	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1219949	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	665333	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1062971	20.00	ng		0.00
75) Chrysene-d12	13.93	240	762789	20.00	ng		0.00
86) Perylene-d12	15.33	264	821744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2237296	123.53	ng		0.00
7) Phenol-d6	6.42	99	2736867	123.91	ng		0.00
23) Nitrobenzene-d5	7.34	82	1976856	93.45	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	686434	121.67	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	2916679	88.07	ng		0.00
78) Terphenyl-d14	12.88	244	2789550	92.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	252510	28.31	ng		98
3) Pyridine	3.02	79	912181	31.75	ng		96
4) n-Nitrosodimethylamine	2.99	42	453766	40.80	ng		99
6) Aniline	6.44	93	1020834	35.92	ng	#	50
8) 2-Chlorophenol	6.56	128	803602	40.31	ng		97
9) Benzaldehyde	6.32	77	120572	6.82	ng		96
10) Phenol	6.43	94	895476	35.97	ng		98
11) bis(2-Chloroethyl)ether	6.51	93	818113	41.14	ng		99
12) 1,3-Dichlorobenzene	6.70	146	829160	37.87	ng	#	90
13) 1,4-Dichlorobenzene	6.78	146	819909	37.01	ng		99
14) 1,2-Dichlorobenzene	6.94	146	827299	42.63	ng		98
15) Benzyl Alcohol	6.92	79	724704	42.38	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1228266	40.42	ng		99
17) 2-Methylphenol	7.04	107	723453	43.42	ng		99
18) Hexachloroethane	7.29	117	336632	40.90	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	595120	40.50	ng		98
20) 3+4-Methylphenols	7.20	107	859696	46.26	ng	#	91
22) Acetophenone	7.18	105	1200459	40.75	ng		100
24) Nitrobenzene	7.36	77	857554	37.75	ng		99
25) Isophorone	7.61	82	1872050	46.38	ng		100
26) 2-Nitrophenol	7.68	139	506298	46.20	ng		95
27) 2,4-Dimethylphenol	7.72	122	833591	46.63	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1078957	45.69	ng		100
29) 2,4-Dichlorophenol	7.92	162	732840	44.45	ng		88
30) 1,2,4-Trichlorobenzene	8.00	180	744911	41.69	ng	#	94
31) Naphthalene	8.08	128	2302880	39.51	ng		100
32) Benzoic acid	7.87	122	616460	48.39	ng		97
33) 4-Chloroaniline	8.13	127	728826	29.69	ng		96
34) Hexachlorobutadiene	8.20	225	415705	41.38	ng		99
35) Caprolactam	8.52	113	293885m	55.39	ng		
36) 4-Chloro-3-methylphenol	8.62	107	800347	44.00	ng		99
37) 2-Methylnaphthalene	8.77	142	1705898	46.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	700793	42.26	ng		99
40) Hexachlorocyclopentadiene	8.93	237	780365	111.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	550565	46.46	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	564519	48.49	ng	#	90
45) 1,1'-Biphenyl	9.24	154	2142995	44.94	ng		99
46) 2-Chloronaphthalene	9.26	162	1596910	44.81	ng		99
47) 2-Nitroaniline	9.36	65	501238	41.19	ng		98
48) Acenaphthylene	9.68	152	2414079	43.72	ng		100
49) Dimethylphthalate	9.55	163	2055498	47.30	ng		99
50) 2,6-Dinitrotoluene	9.61	165	475592	49.91	ng		97
51) Acenaphthene	9.85	154	1650680	43.56	ng		100
52) 3-Nitroaniline	9.77	138	329500	27.77	ng		98
53) 2,4-Dinitrophenol	9.88	184	513638	99.78	ng	#	68
54) Dibenzofuran	10.02	168	2076872	46.09	ng		99
55) 4-Nitrophenol	9.95	139	708350	85.98	ng		98
56) 2,4-Dinitrotoluene	10.01	165	526659	44.25	ng		90
57) Fluorene	10.36	166	1649605	47.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	433445	45.04	ng		99
59) Diethylphthalate	10.25	149	1972151	46.16	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	687062	43.09	ng		99
61) 4-Nitroaniline	10.38	138	484405	43.10	ng		99
62) Azobenzene	10.51	77	2064067	45.41	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	362575	51.72	ng		81
65) n-Nitrosodiphenylamine	10.48	169	1474862	44.68	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	496789	44.57	ng		99
67) Hexachlorobenzene	10.91	284	558636	47.83	ng		98
68) Atrazine	11.01	200	534283	53.56	ng		93
69) Pentachlorophenol	11.10	266	575466	91.30	ng		98
70) Phenanthrene	11.32	178	2700092	50.84	ng		99
71) Anthracene	11.37	178	2362950	42.00	ng		100
72) Carbazole	11.53	167	2395613	48.70	ng		100
73) Di-n-butylphthalate	11.86	149	2746218	43.54	ng		100
74) Fluoranthene	12.50	202	2418570	43.60	ng		100
76) Benzidine	12.62	184	988233	45.01	ng		98
77) Pyrene	12.73	202	2397229	43.52	ng		99
79) Butylbenzylphthalate	13.36	149	1270418	49.27	ng		98
80) Benzo(a)anthracene	13.92	228	2044536	46.86	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	646351	37.02	ng		98
82) Chrysene	13.96	228	2072043	45.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1418223	43.36	ng		99
84) Di-n-octyl phthalate	14.53	149	3003286	49.83	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2151824	48.39	ng		100
87) Benzo(b)fluoranthene	14.93	252	2770865m	53.18	ng		
88) Benzo(k)fluoranthene	14.97	252	1386453m	37.92	ng		
89) Benzo(a)pyrene	15.28	252	1973041	44.12	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	1721319	44.16	ng		100
91) Benzo(g,h,i)perylene	17.09	276	1793660	45.27	ng	#	96

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

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