Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090442.D
Acq On : 7 Oct 2016 13:34
Operator : UM/SJ
Sample : PB93820BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Manual Integrations APPROVED
sohil
10/10/2016 6:51:14 PM

Quant Time: Oct 07 14:08:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 13:55:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	220941	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	944024	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	520116	20.00	ng		0.00
63) Phenanthrene-d10	11.53	188	857674	20.00	ng		0.00
75) Chrysene-d12	14.18	240	790716	20.00	ng		0.00
86) Perylene-d12	15.68	264	576271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1724147	116.47	ng		0.02
7) Phenol-d6	6.61	99	2082531	107.41	ng		0.00
23) Nitrobenzene-d5	7.55	82	1331559	68.61	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	556532	131.59	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	2136391	68.44	ng		0.00
78) Terphenyl-d14	13.13	244	2784174	79.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	218315	29.92	ng	#	91
3) Pyridine	3.51	79	678487	33.34	ng	#	81
4) n-Nitrosodimethylamine	3.46	42	276167	32.89	ng	#	55
6) Aniline	6.65	93	519631	19.40	ng		98
8) 2-Chlorophenol	6.77	128	632297	38.81	ng		98
9) Benzaldehyde	6.53	77	236282	24.11	ng		98
10) Phenol	6.62	94	741881	32.91	ng		97
11) bis(2-Chloroethyl)ether	6.71	93	600342	34.78	ng		89
12) 1,3-Dichlorobenzene	6.93	146	604691	37.23	ng		99
13) 1,4-Dichlorobenzene	7.00	146	590729	35.81	ng		99
14) 1,2-Dichlorobenzene	7.16	146	631015	39.71	ng		97
15) Benzyl Alcohol	7.13	79	613890	41.65	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.26	45	875020	29.89	ng		92
17) 2-Methylphenol	7.24	107	556212	41.51	ng		97
18) Hexachloroethane	7.50	117	234528	36.07	ng		97
19) n-Nitroso-di-n-propylamine	7.40	70	496105	34.89	ng	#	82
20) 3+4-Methylphenols	7.39	107	645612	37.23	ng	#	89
22) Acetophenone	7.40	105	870367	38.93	ng	#	85
24) Nitrobenzene	7.57	77	764105	39.66	ng		91
25) Isophorone	7.81	82	1313642	37.02	ng		99
26) 2-Nitrophenol	7.89	139	339170	40.90	ng		99
27) 2,4-Dimethylphenol	7.93	122	636830	39.49	ng		98
28) bis(2-Chloroethoxy)methane	8.02	93	751458	35.81	ng	#	97
29) 2,4-Dichlorophenol	8.13	162	506664	41.32	ng		96
30) 1,2,4-Trichlorobenzene	8.21	180	479061	37.91	ng		99
31) Naphthalene	8.30	128	1707209	37.48	ng		97
32) Benzoic acid	8.04	122	364132	32.48	ng		97
33) 4-Chloroaniline	8.34	127	231849	12.32	ng		97
34) Hexachlorobutadiene	8.42	225	262067	37.12	ng		99
35) Caprolactam	8.71	113	202366m	49.09	ng		
36) 4-Chloro-3-methylphenol	8.83	107	622750	40.56	ng		95
37) 2-Methylnaphthalene	8.99	142	1088422	39.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	522411	38.10	ng	#	98
40) Hexachlorocyclopentadiene	9.15	237	599775	79.79	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	345930	36.56	ng		96
43) 2,4,5-Trichlorophenol	9.31	196	365175	40.81	ng		95
45) 1,1'-Biphenyl	9.46	154	1413684	36.68	ng		97
46) 2-Chloronaphthalene	9.48	162	1048783	36.83	ng		99
47) 2-Nitroaniline	9.57	65	400677	35.66	ng		92
48) Acenaphthylene	9.90	152	1803369	38.38	ng		99
49) Dimethylphthalate	9.75	163	1222461	36.70	ng		99
50) 2,6-Dinitrotoluene	9.82	165	292267	39.52	ng	#	54
51) Acenaphthene	10.07	154	1240476	42.34	ng		98
52) 3-Nitroaniline	9.98	138	177488	20.54	ng		98
53) 2,4-Dinitrophenol	10.09	184	283030	85.84	ng	#	63
54) Dibenzofuran	10.25	168	1568864	41.37	ng		95
55) 4-Nitrophenol	10.14	139	550660	72.85	ng		98
56) 2,4-Dinitrotoluene	10.22	165	447772	45.50	ng	#	55
57) Fluorene	10.59	166	1273817	39.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	316194	47.32	ng	#	84
59) Diethylphthalate	10.46	149	1417690	41.13	ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	562576	38.83	ng		94
61) 4-Nitroaniline	10.60	138	321782	36.97	ng		95
62) Azobenzene	10.74	77	1572050	39.49	ng		89
64) 4,6-Dinitro-2-methylphenol	10.63	198	217545	38.75	ng	#	45
65) n-Nitrosodiphenylamine	10.70	169	1177921	40.98	ng		99
66) 4-Bromophenyl-phenylether	11.07	248	324325	38.58	ng	#	86
67) Hexachlorobenzene	11.14	284	358437	38.28	ng	#	84
68) Atrazine	11.23	200	381646	53.85	ng		98
69) Pentachlorophenol	11.33	266	484215	86.88	ng		100
70) Phenanthrene	11.56	178	1805215	41.10	ng		96
71) Anthracene	11.61	178	1850028	41.25	ng		99
72) Carbazole	11.75	167	1609200	38.62	ng		99
73) Di-n-butylphthalate	12.09	149	2059877	40.62	ng		99
74) Fluoranthene	12.75	202	2051755	47.63	ng		95
76) Benzidine	12.86	184	615465	29.60	ng		99
77) Pyrene	12.98	202	2050357	38.89	ng		100
79) Butylbenzylphthalate	13.60	149	995172	36.78	ng		88
80) Benzo(a)anthracene	14.17	228	1823544	41.10	ng		99
81) 3,3'-Dichlorobenzidine	14.13	252	377547	23.47	ng	#	99
82) Chrysene	14.21	228	1715073	42.00	ng		98
83) Bis(2-ethylhexyl)phthalate	14.16	149	1312502	34.13	ng	#	100
84) Di-n-octyl phthalate	14.77	149	2045439	35.88	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.18	276	1085992	37.31	ng		94
87) Benzo(b)fluoranthene	15.24	252	1642846	44.76	ng	#	98
88) Benzo(k)fluoranthene	15.26	252	1375064m	39.88	ng		
89) Benzo(a)pyrene	15.62	252	1389011	43.90	ng		99
90) Dibenzo(a,h)anthracene	17.21	278	930518	34.57	ng		97
91) Benzo(g,h,i)perylene	17.64	276	852271	32.99	ng		96

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

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