Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
Data File : BF091307.D
Acq On : 24 Nov 2016 10:50
Operator : UM/SJ
Sample : PB94898BSD
Misc :
ALS Vial : 28 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Manual Integrations APPROVED
sohil
11/28/2016 5:18:44 PM

Quant Time: Nov 25 04:51:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 04:24:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	379722	40.00	ng		0.01
21) Naphthalene-d8	8.17	136	1415986	40.00	ng		0.00
38) Acenaphthene-d10	9.93	164	789491	40.00	ng		0.00
63) Phenanthrene-d10	11.40	188	1057162	40.00	ng		0.00
75) Chrysene-d12	14.04	240	810078	40.00	ng		0.00
86) Perylene-d12	15.48	264	664725	40.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1342744	113.63	ng		0.02
7) Phenol-d6	6.52	99	1911660	125.91	ng		0.01
23) Nitrobenzene-d5	7.45	82	1134984	92.29	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	435194	109.32	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2154823	89.38	ng		0.00
78) Terphenyl-d14	12.99	244	1475931	83.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	196617	35.27	ng		87
3) Pyridine	3.32	79	587613	39.22	ng		90
4) n-Nitrosodimethylamine	3.28	42	355644	43.36	ng		92
6) Aniline	6.54	93	238199	12.27	ng	#	70
8) 2-Chlorophenol	6.67	128	587526	45.64	ng		94
9) Benzaldehyde	6.42	77	33697	2.45	ng		95
10) Phenol	6.53	94	707013	41.74	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	570803	45.84	ng		89
12) 1,3-Dichlorobenzene	6.82	146	571029m	40.69	ng		
13) 1,4-Dichlorobenzene	6.90	146	592710	41.26	ng		97
14) 1,2-Dichlorobenzene	7.06	146	560698m	41.14	ng		
15) Benzyl Alcohol	7.02	79	494177	41.92	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1061124	38.87	ng		71
17) 2-Methylphenol	7.14	107	465393	45.70	ng	#	77
18) Hexachloroethane	7.40	117	198395	38.79	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	393014	41.27	ng		96
20) 3+4-Methylphenols	7.29	107	535469	42.83	ng	#	66
22) Acetophenone	7.30	105	767041	48.01	ng		95
24) Nitrobenzene	7.47	77	617643	47.47	ng	#	74
25) Isophorone	7.71	82	1115785	48.57	ng		97
26) 2-Nitrophenol	7.78	139	258067	49.45	ng		99
27) 2,4-Dimethylphenol	7.82	122	570887	52.12	ng		95
28) bis(2-Chloroethoxy)methane	7.92	93	666773	48.75	ng		100
29) 2,4-Dichlorophenol	8.03	162	461202	47.65	ng		89
30) 1,2,4-Trichlorobenzene	8.11	180	515767	46.26	ng		98
31) Naphthalene	8.19	128	1535223	45.08	ng		100
32) Benzoic acid	7.95	122	337722	39.15	ng		84
33) 4-Chloroaniline	8.24	127	110132	7.43	ng		98
34) Hexachlorobutadiene	8.32	225	310232	47.06	ng		99
35) Caprolactam	8.61	113	148469	49.76	ng	#	82
36) 4-Chloro-3-methylphenol	8.73	107	501536	48.21	ng	#	85
37) 2-Methylnaphthalene	8.89	142	1057091	45.22	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	474158	44.32	ng		99
40) Hexachlorocyclopentadiene	9.04	237	213962	44.68	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	353544	47.92	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	308189	43.48	ng		98
45) 1,1'-Biphenyl	9.34	154	1154885	40.58	ng		98
46) 2-Chloronaphthalene	9.37	162	875550	42.00	ng		98
47) 2-Nitroaniline	9.46	65	293058	41.43	ng	#	75
48) Acenaphthylene	9.79	152	1452651	43.48	ng		99
49) Dimethylphthalate	9.65	163	1176764	47.74	ng		98
50) 2,6-Dinitrotoluene	9.71	165	265432	49.30	ng	#	70
51) Acenaphthene	9.96	154	980051	43.10	ng		96
52) 3-Nitroaniline	9.87	138	105852	18.29	ng		99
53) 2,4-Dinitrophenol	9.97	184	86666	51.00	ng	#	82
54) Dibenzofuran	10.13	168	1360046	42.52	ng		93
55) 4-Nitrophenol	10.03	139	306855	73.50	ng		99
56) 2,4-Dinitrotoluene	10.11	165	333205	48.91	ng		89
57) Fluorene	10.48	166	966930	39.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	264495	42.44	ng		95
59) Diethylphthalate	10.35	149	1093166	44.08	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	458868	40.70	ng	#	89
61) 4-Nitroaniline	10.49	138	188927	34.98	ng		93
62) Azobenzene	10.62	77	1141067	45.36	ng		91
64) 4,6-Dinitro-2-methylphenol	10.51	198	71284	29.74	ng	#	79
65) n-Nitrosodiphenylamine	10.58	169	827704	51.58	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	315617	54.63	ng	#	83
67) Hexachlorobenzene	11.03	284	293996	46.42	ng	#	89
68) Atrazine	11.12	200	276757	55.64	ng		91
69) Pentachlorophenol	11.21	266	300819	80.28	ng		96
70) Phenanthrene	11.44	178	1284704	46.85	ng		99
71) Anthracene	11.48	178	1276708	45.54	ng		100
72) Carbazole	11.63	167	1049088	42.04	ng		98
73) Di-n-butylphthalate	11.97	149	1488529	51.51	ng		100
74) Fluoranthene	12.61	202	1157458	41.50	ng		98
76) Benzidine	12.74	184	526291	67.04	ng		97
77) Pyrene	12.84	202	1207462	40.35	ng		99
79) Butylbenzylphthalate	13.47	149	571293	47.70	ng		87
80) Benzo(a)anthracene	14.03	228	1066235	46.38	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	363634	47.97	ng	#	97
82) Chrysene	14.07	228	893849	41.14	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	710345	47.64	ng	#	95
84) Di-n-octyl phthalate	14.64	149	1235914	52.66	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	797561	42.63	ng		96
87) Benzo(b)fluoranthene	15.06	252	1096371m	52.29	ng		
88) Benzo(k)fluoranthene	15.09	252	701874m	40.99	ng		
89) Benzo(a)pyrene	15.41	252	840174	47.10	ng		97
90) Dibenzo(a,h)anthracene	16.91	278	674488	40.96	ng		97
91) Benzo(g,h,i)perylene	17.32	276	645622	39.53	ng		99

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

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