Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091144.D
Acq On : 11 Nov 2016 17:07
Operator : UM/SJ
Sample : PB94676BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94676BS

Manual Integrations APPROVED
sohil
11/14/2016 6:36:49 PM

Quant Time: Nov 11 17:57:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	193636	20.00	ng		-0.01
21) Naphthalene-d8	7.93	136	801572	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	419885	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	689755	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	590017	20.00	ng		-0.02
86) Perylene-d12	15.15	264	402148	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1508994	128.70	ng		0.00
7) Phenol-d6	6.30	99	1783853	112.09	ng		-0.01
23) Nitrobenzene-d5	7.22	82	1248640	84.98	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	512949	135.13	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	2077151	85.17	ng		-0.02
78) Terphenyl-d14	12.74	244	2142155	90.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	216025	32.21	ng		96
3) Pyridine	2.85	79	651842	41.55	ng		97
4) n-Nitrosodimethylamine	2.82	42	259030	41.74	ng		93
6) Aniline	6.32	93	388826	20.71	ng	#	1
8) 2-Chlorophenol	6.43	128	584256	41.78	ng		96
9) Benzaldehyde	6.19	77	57432	6.50	ng		98
10) Phenol	6.32	94	695949	39.52	ng	#	70
11) bis(2-Chloroethyl)ether	6.38	93	603070	40.64	ng		98
12) 1,3-Dichlorobenzene	6.58	146	592553m	41.89	ng		
13) 1,4-Dichlorobenzene	6.66	146	645258	42.52	ng		95
14) 1,2-Dichlorobenzene	6.82	146	558430	40.09	ng		94
15) Benzyl Alcohol	6.81	79	482339	42.97	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	6.93	45	744722	35.04	ng		72
17) 2-Methylphenol	6.92	107	484371	43.75	ng		96
18) Hexachloroethane	7.15	117	241545	41.13	ng		91
19) n-Nitroso-di-n-propylamine	7.07	70	464320	42.10	ng		99
20) 3+4-Methylphenols	7.08	107	622370	46.82	ng		95
22) Acetophenone	7.07	105	845020	45.79	ng		94
24) Nitrobenzene	7.24	77	674436	41.56	ng		90
25) Isophorone	7.48	82	1280994	45.24	ng		98
26) 2-Nitrophenol	7.55	139	316094	46.03	ng		92
27) 2,4-Dimethylphenol	7.61	122	551217	48.53	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	801588	51.82	ng		99
29) 2,4-Dichlorophenol	7.80	162	499231	50.36	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	515509	46.25	ng		96
31) Naphthalene	7.95	128	1658566	43.27	ng		99
32) Benzoic acid	7.78	122	321840	37.56	ng		90
33) 4-Chloroaniline	8.02	127	153265	9.61	ng		97
34) Hexachlorobutadiene	8.08	225	297399	49.44	ng		97
35) Caprolactam	8.40	113	173994m	55.87	ng		
36) 4-Chloro-3-methylphenol	8.52	107	582029	48.50	ng		99
37) 2-Methylnaphthalene	8.65	142	1162509	47.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	509903	47.63	ng		99
40) Hexachlorocyclopentadiene	8.80	237	460803	108.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	331445	47.96	ng		98
43) 2,4,5-Trichlorophenol	8.98	196	325004	44.79	ng	#	85
45) 1,1'-Biphenyl	9.12	154	1387294	45.25	ng		95
46) 2-Chloronaphthalene	9.14	162	1076730	46.26	ng		93
47) 2-Nitroaniline	9.24	65	396977	45.95	ng		93
48) Acenaphthylene	9.55	152	1616641	44.56	ng		99
49) Dimethylphthalate	9.42	163	1243602	45.17	ng		99
50) 2,6-Dinitrotoluene	9.48	165	252155	42.73	ng		91
51) Acenaphthene	9.71	154	959786	42.14	ng		100
52) 3-Nitroaniline	9.65	138	124110	17.74	ng		92
53) 2,4-Dinitrophenol	9.77	184	268431	83.24	ng	#	92
54) Dibenzofuran	9.89	168	1441413	47.02	ng		93
55) 4-Nitrophenol	9.84	139	318909	69.27	ng		95
56) 2,4-Dinitrotoluene	9.89	165	388686	51.77	ng		92
57) Fluorene	10.22	166	1060166	42.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	286261	50.36	ng		96
59) Diethylphthalate	10.12	149	1307500	46.32	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	533339	46.76	ng	#	89
61) 4-Nitroaniline	10.27	138	277955	39.27	ng		98
62) Azobenzene	10.38	77	1472533	44.31	ng		92
64) 4,6-Dinitro-2-methylphenol	10.30	198	195315	46.24	ng		94
65) n-Nitrosodiphenylamine	10.35	169	1031564	47.05	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	339354	47.30	ng	#	68
67) Hexachlorobenzene	10.77	284	342915	43.34	ng	#	90
68) Atrazine	10.89	200	345883	54.69	ng		98
69) Pentachlorophenol	10.98	266	358924	102.41	ng		99
70) Phenanthrene	11.18	178	1546528	42.18	ng		99
71) Anthracene	11.24	178	1779094	45.64	ng		100
72) Carbazole	11.40	167	1559193	44.38	ng		97
73) Di-n-butylphthalate	11.73	149	1859106	42.08	ng		98
74) Fluoranthene	12.36	202	1523187	40.05	ng		99
76) Benzidine	12.50	184	607981	46.12	ng		97
77) Pyrene	12.59	202	1526758	39.51	ng		100
79) Butylbenzylphthalate	13.22	149	780150	42.21	ng		97
80) Benzo(a)anthracene	13.78	228	1442984	43.08	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	203162	17.26	ng	#	97
82) Chrysene	13.81	228	1216581	36.83	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1010880	40.41	ng	#	98
84) Di-n-octyl phthalate	14.40	149	1892701	46.02	ng		97
85) Indeno(1,2,3-cd)pyrene	16.44	276	1114065	40.65	ng		97
87) Benzo(b)fluoranthene	14.79	252	1313119m	48.14	ng		
88) Benzo(k)fluoranthene	14.81	252	1065709m	44.54	ng		
89) Benzo(a)pyrene	15.11	252	1110800	46.78	ng		99
90) Dibenzo(a,h)anthracene	16.44	278	936434	45.62	ng		99
91) Benzo(g,h,i)perylene	16.82	276	856315	46.13	ng	#	93

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

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