Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091419.D
Acq On : 5 Dec 2016 15:46
Operator : UM/SJ
Sample : PB95000BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95000BS

Manual Integrations APPROVED
sohil
12/6/2016 3:01:18 PM

Quant Time: Dec 06 00:21:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	189386	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	831909	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	454488	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	766948	20.00	ng		0.00
75) Chrysene-d12	14.00	240	487243	20.00	ng		0.00
86) Perylene-d12	15.43	264	452596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1438363	124.07	ng		0.02
7) Phenol-d6	6.49	99	1845006	129.29	ng		0.01
23) Nitrobenzene-d5	7.42	82	1248430	84.10	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	573662	133.33	ng		0.01
44) 2-Fluorobiphenyl	9.21	172	2248812	89.59	ng		0.00
78) Terphenyl-d14	12.96	244	2247455	100.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	192717	36.75	ng	#	85
3) Pyridine	3.26	79	582210	39.23	ng	#	85
4) n-Nitrosodimethylamine	3.21	42	366345	47.04	ng		99
6) Aniline	6.52	93	588896	31.07	ng	#	71
8) 2-Chlorophenol	6.64	128	595609	46.86	ng		99
9) Benzaldehyde	6.39	77	204204	22.25	ng		92
10) Phenol	6.50	94	828435	49.33	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	576658	48.06	ng		88
12) 1,3-Dichlorobenzene	6.79	146	601762	42.56	ng		97
13) 1,4-Dichlorobenzene	6.87	146	649848	46.21	ng		100
14) 1,2-Dichlorobenzene	7.02	146	538993	41.14	ng		99
15) Benzyl Alcohol	7.00	79	518975	45.44	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1115166	43.23	ng		72
17) 2-Methylphenol	7.11	107	459913	45.77	ng	#	76
18) Hexachloroethane	7.36	117	223686	44.79	ng	#	85
19) n-Nitroso-di-n-propylamine	7.27	70	419854	46.70	ng	#	97
20) 3+4-Methylphenols	7.27	107	593978	48.43	ng	#	61
22) Acetophenone	7.27	105	811561	41.16	ng	#	87
24) Nitrobenzene	7.43	77	624334	41.08	ng		94
25) Isophorone	7.68	82	1160542	44.13	ng		99
26) 2-Nitrophenol	7.75	139	296235	42.77	ng		98
27) 2,4-Dimethylphenol	7.80	122	575811	44.44	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	671676	42.43	ng		100
29) 2,4-Dichlorophenol	7.99	162	477852	41.92	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	563674	44.11	ng		97
31) Naphthalene	8.16	128	1703922	43.10	ng		100
32) Benzoic acid	7.93	122	413745	43.32	ng		95
33) 4-Chloroaniline	8.21	127	245825	14.54	ng		97
34) Hexachlorobutadiene	8.28	225	325817	41.46	ng		98
35) Caprolactam	8.58	113	150701m	46.00	ng		
36) 4-Chloro-3-methylphenol	8.70	107	566543	46.04	ng		86
37) 2-Methylnaphthalene	8.85	142	1071091	39.88	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	547449	42.73	ng		99
40) Hexachlorocyclopentadiene	9.01	237	527248	88.78	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	399780	48.01	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	360876	43.25	ng	#	86
45) 1,1'-Biphenyl	9.32	154	1368033	41.86	ng		97
46) 2-Chloronaphthalene	9.34	162	991692	40.75	ng		98
47) 2-Nitroaniline	9.43	65	342606	39.19	ng	#	76
48) Acenaphthylene	9.75	152	1529865	39.93	ng		98
49) Dimethylphthalate	9.62	163	1272484	46.24	ng		98
50) 2,6-Dinitrotoluene	9.68	165	308820	50.21	ng	#	72
51) Acenaphthene	9.92	154	1169244	45.25	ng		97
52) 3-Nitroaniline	9.84	138	159371	22.39	ng		96
53) 2,4-Dinitrophenol	9.96	184	304075	113.05	ng	#	76
54) Dibenzofuran	10.10	168	1504837	43.49	ng	#	87
55) 4-Nitrophenol	10.01	139	443244	86.20	ng		93
56) 2,4-Dinitrotoluene	10.08	165	360378	45.17	ng	#	66
57) Fluorene	10.44	166	1059721	39.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	344243	48.31	ng		94
59) Diethylphthalate	10.32	149	1241282	45.69	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	573988	43.08	ng		95
61) 4-Nitroaniline	10.46	138	259733	38.85	ng		88
62) Azobenzene	10.60	77	1349519	48.69	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	229137	54.23	ng	#	38
65) n-Nitrosodiphenylamine	10.55	169	955698	41.10	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	380824	46.20	ng	#	73
67) Hexachlorobenzene	10.98	284	366663	41.16	ng	#	82
68) Atrazine	11.09	200	358540	47.61	ng		90
69) Pentachlorophenol	11.18	266	389193	74.22	ng		96
70) Phenanthrene	11.40	178	1543679	38.73	ng		99
71) Anthracene	11.45	178	1831329	46.30	ng		100
72) Carbazole	11.60	167	1415301	39.43	ng		98
73) Di-n-butylphthalate	11.94	149	1891740	46.51	ng		99
74) Fluoranthene	12.59	202	1832781	48.55	ng		99
76) Benzidine	12.70	184	516837	36.13	ng		98
77) Pyrene	12.81	202	1845935	49.92	ng		99
79) Butylbenzylphthalate	13.43	149	706345	51.01	ng		91
80) Benzo(a)anthracene	13.99	228	1325215	46.51	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	274124	27.31	ng	#	97
82) Chrysene	14.04	228	1407340	49.92	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	981254	55.91	ng	#	90
84) Di-n-octyl phthalate	14.61	149	1651154	62.17	ng		97
85) Indeno(1,2,3-cd)pyrene	16.83	276	1247913	48.33	ng		95
87) Benzo(b)fluoranthene	15.02	252	1480893m	52.64	ng		
88) Benzo(k)fluoranthene	15.05	252	854462m	36.12	ng		
89) Benzo(a)pyrene	15.37	252	1108564	43.88	ng	#	96
90) Dibenzo(a,h)anthracene	16.85	278	1029821	44.07	ng	#	94
91) Benzo(g,h,i)perylene	17.25	276	1054378	43.76	ng		99

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

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