Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090680.D
Acq On : 20 Oct 2016 14:20
Operator : UM/SJ
Sample : PB94156BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Manual Integrations APPROVED
sohil
10/21/2016 6:58:20 PM

Quant Time: Oct 20 18:47:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 18:12:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	229423m	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1051339m	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	565593	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	895176	20.00	ng		0.00
75) Chrysene-d12	14.05	240	706043	20.00	ng		0.00
86) Perylene-d12	15.49	264	408869	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1664009	132.97	ng		0.02
7) Phenol-d6	6.52	99	2067759	111.20	ng		0.00
23) Nitrobenzene-d5	7.45	82	1368809	72.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	516653	102.46	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2485440	72.41	ng		0.00
78) Terphenyl-d14	13.00	244	2230275	73.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	217326	30.47	ng		99
3) Pyridine	3.32	79	613676m	38.39	ng		
4) n-Nitrosodimethylamine	3.27	42	238012	42.55	ng		98
6) Aniline	6.54	93	502088m	22.34	ng		
8) 2-Chlorophenol	6.67	128	658412	40.57	ng		90
9) Benzaldehyde	6.43	77	41196m	3.48	ng		
10) Phenol	6.53	94	735895	34.60	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	665585	37.93	ng		94
12) 1,3-Dichlorobenzene	6.82	146	590045m	36.46	ng		
13) 1,4-Dichlorobenzene	6.90	146	627782	35.67	ng		97
14) 1,2-Dichlorobenzene	7.05	146	607873	36.94	ng		95
15) Benzyl Alcohol	7.02	79	519145	40.99	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	933445	37.80	ng		91
17) 2-Methylphenol	7.15	107	456835	36.12	ng		97
18) Hexachloroethane	7.39	117	247588m	35.60	ng		
19) n-Nitroso-di-n-propylamine	7.30	70	502357m	39.40	ng		
20) 3+4-Methylphenols	7.30	107	630620	41.13	ng	#	81
22) Acetophenone	7.30	105	858455	36.96	ng		95
24) Nitrobenzene	7.47	77	742278	38.22	ng	#	90
25) Isophorone	7.71	82	1393662	40.46	ng		97
26) 2-Nitrophenol	7.79	139	311386	35.34	ng	#	85
27) 2,4-Dimethylphenol	7.82	122	548820	37.53	ng		96
28) bis(2-Chloroethoxy)methane	7.91	93	770141	37.86	ng		99
29) 2,4-Dichlorophenol	8.03	162	501189	39.13	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	513416	34.22	ng		97
31) Naphthalene	8.19	128	1822774	34.03	ng		99
32) Benzoic acid	7.96	122	319055	35.52	ng		96
33) 4-Chloroaniline	8.25	127	289252	14.13	ng		94
34) Hexachlorobutadiene	8.30	225	264524	31.56	ng		99
35) Caprolactam	8.61	113	156263m	43.72	ng		
36) 4-Chloro-3-methylphenol	8.73	107	550870	37.28	ng		95
37) 2-Methylnaphthalene	8.89	142	1202978	38.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	485194	32.35	ng		99
40) Hexachlorocyclopentadiene	9.03	237	534379	72.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	330711	39.10	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	345792	34.27	ng		98
45) 1,1'-Biphenyl	9.34	154	1368130	31.79	ng		97
46) 2-Chloronaphthalene	9.38	162	1114480	34.73	ng		93
47) 2-Nitroaniline	9.47	65	413722	35.56	ng		89
48) Acenaphthylene	9.79	152	1746413	34.17	ng		99
49) Dimethylphthalate	9.65	163	1295910	35.31	ng		99
50) 2,6-Dinitrotoluene	9.71	165	263239	32.78	ng	#	61
51) Acenaphthene	9.96	154	1257162	37.01	ng		99
52) 3-Nitroaniline	9.88	138	169922	16.86	ng		93
53) 2,4-Dinitrophenol	9.99	184	282823	65.95	ng	#	61
54) Dibenzofuran	10.13	168	1507010	33.73	ng		93
55) 4-Nitrophenol	10.05	139	435032	71.74	ng		96
56) 2,4-Dinitrotoluene	10.12	165	418896	38.41	ng		90
57) Fluorene	10.47	166	1230763	33.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	268712	31.97	ng	#	91
59) Diethylphthalate	10.35	149	1289132	34.64	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	538981	31.02	ng	#	83
61) 4-Nitroaniline	10.50	138	289002	28.60	ng		93
62) Azobenzene	10.62	77	1564534	36.34	ng		92
64) 4,6-Dinitro-2-methylphenol	10.53	198	175374	32.37	ng		88
65) n-Nitrosodiphenylamine	10.59	169	1077435	36.44	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	304634	31.71	ng	#	80
67) Hexachlorobenzene	11.02	284	372037	35.67	ng	#	85
68) Atrazine	11.11	200	286863	35.08	ng		99
69) Pentachlorophenol	11.22	266	412663	79.84	ng		96
70) Phenanthrene	11.43	178	1581151	33.09	ng		99
71) Anthracene	11.49	178	1842319	35.82	ng		99
72) Carbazole	11.64	167	1511314	32.83	ng		98
73) Di-n-butylphthalate	11.97	149	1850366	34.31	ng	#	97
74) Fluoranthene	12.62	202	1597933	33.25	ng		95
76) Benzidine	12.75	184	405984	23.11	ng		96
77) Pyrene	12.85	202	1590112	34.00	ng		99
79) Butylbenzylphthalate	13.47	149	805554	38.88	ng	#	79
80) Benzo(a)anthracene	14.04	228	1390457	34.59	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	315837	23.00	ng		99
82) Chrysene	14.08	228	1303473	33.66	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1133679	40.56	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1721995	45.95	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.93	276	881443	39.36	ng		98
87) Benzo(b)fluoranthene	15.08	252	962358	35.97	ng		98
88) Benzo(k)fluoranthene	15.12	252	1049243m	36.45	ng		
89) Benzo(a)pyrene	15.44	252	876094	35.77	ng		99
90) Dibenzo(a,h)anthracene	16.94	278	745917	39.93	ng		98
91) Benzo(g,h,i)perylene	17.36	276	708534	39.78	ng		98

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

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