Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084710.D
Acq On : 1 Feb 2016 15:38
Operator : SJ/IZ
Sample : PB88000BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88000BS

Manual Integrations APPROVED
mohammad
2/2/2016 4:17:52 PM

Quant Time: Feb 02 00:41:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171964	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	710627	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	340191	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	632865	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	476823	20.00	ng		0.00
86) Perylene-d12	15.24	264	409946	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1368575	123.96	ng		0.01
7) Phenol-d6	6.36	99	1659827	121.27	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1080773	85.67	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	438886	123.68	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1786136	90.31	ng		-0.01
78) Terphenyl-d14	12.82	244	1747813	83.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	165678	34.26	ng	#	76
3) Pyridine	2.97	79	464977	36.90	ng	#	76
4) n-Nitrosodimethylamine	2.92	42	263530	40.44	ng		87
6) Aniline	6.37	93	371844	22.20	ng	#	45
8) 2-Chlorophenol	6.50	128	495865	39.68	ng		92
9) Benzaldehyde	6.26	77	16642	2.06	ng		93
10) Phenol	6.38	94	541454	35.31	ng		89
11) bis(2-Chloroethyl)ether	6.45	93	455793	38.12	ng		84
12) 1,3-Dichlorobenzene	6.65	146	489681m	37.09	ng		
13) 1,4-Dichlorobenzene	6.73	146	501795	38.02	ng		97
14) 1,2-Dichlorobenzene	6.89	146	458512	37.30	ng		93
15) Benzyl Alcohol	6.86	79	394443	41.74	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	735561	36.57	ng		87
17) 2-Methylphenol	6.99	107	417935	42.29	ng	#	93
18) Hexachloroethane	7.22	117	196207	38.60	ng		92
19) n-Nitroso-di-n-propylamine	7.14	70	356477	41.55	ng	#	77
20) 3+4-Methylphenols	7.14	107	496879	40.50	ng	#	77
22) Acetophenone	7.13	105	689195	36.80	ng		99
24) Nitrobenzene	7.30	77	481895	35.67	ng		97
25) Isophorone	7.54	82	944363	38.50	ng		98
26) 2-Nitrophenol	7.62	139	273941	41.12	ng	#	88
27) 2,4-Dimethylphenol	7.66	122	457772	39.50	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	566365	38.92	ng		99
29) 2,4-Dichlorophenol	7.87	162	407106	41.06	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	420494	37.55	ng		96
31) Naphthalene	8.02	128	1315762	36.91	ng		100
32) Benzoic acid	7.80	122	271686	36.65	ng		92
33) 4-Chloroaniline	8.08	127	236780	16.06	ng		95
34) Hexachlorobutadiene	8.14	225	250675	38.82	ng		98
35) Caprolactam	8.45	113	135660m	44.39	ng		
36) 4-Chloro-3-methylphenol	8.58	107	497742	44.00	ng		94
37) 2-Methylnaphthalene	8.72	142	1001689	44.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	371620	34.40	ng		98
40) Hexachlorocyclopentadiene	8.86	237	385963	80.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	309199	44.42	ng		93
43) 2,4,5-Trichlorophenol	9.05	196	281763	39.84	ng		92
45) 1,1'-Biphenyl	9.18	154	1138970	37.48	ng		96
46) 2-Chloronaphthalene	9.20	162	837696	37.44	ng		97
47) 2-Nitroaniline	9.30	65	271469	38.31	ng		97
48) Acenaphthylene	9.62	152	1413387	41.62	ng		99
49) Dimethylphthalate	9.49	163	1098399	42.39	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	250735	44.30	ng	#	82
51) Acenaphthene	9.79	154	900569	40.76	ng		97
52) 3-Nitroaniline	9.71	138	129639	20.38	ng		96
53) 2,4-Dinitrophenol	9.82	184	226880	86.35	ng	#	86
54) Dibenzofuran	9.96	168	1243759	46.06	ng		96
55) 4-Nitrophenol	9.89	139	329467	70.48	ng	#	77
56) 2,4-Dinitrotoluene	9.95	165	296231	41.03	ng	#	86
57) Fluorene	10.30	166	968977	42.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	237151	44.05	ng		90
59) Diethylphthalate	10.19	149	1062298	41.99	ng		96
60) 4-Chlorophenyl-phenylether	10.29	204	399958	41.69	ng		93
61) 4-Nitroaniline	10.33	138	223049	35.99	ng		92
62) Azobenzene	10.45	77	1090170	44.81	ng		90
64) 4,6-Dinitro-2-methylphenol	10.36	198	181765	46.53	ng		83
65) n-Nitrosodiphenylamine	10.42	169	883837	43.98	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	301428	43.12	ng	#	92
67) Hexachlorobenzene	10.84	284	298520	39.19	ng	#	82
68) Atrazine	10.94	200	254033	40.03	ng		97
69) Pentachlorophenol	11.05	266	328199	91.69	ng		99
70) Phenanthrene	11.25	178	1357081	38.66	ng		98
71) Anthracene	11.31	178	1539205	43.52	ng		99
72) Carbazole	11.47	167	1414596	45.87	ng		99
73) Di-n-butylphthalate	11.80	149	1487873	37.89	ng	#	96
74) Fluoranthene	12.44	202	1568970	44.16	ng		96
76) Benzidine	12.57	184	417561	25.39	ng		98
77) Pyrene	12.67	202	1608153	44.05	ng		99
79) Butylbenzylphthalate	13.30	149	732977	44.26	ng		96
80) Benzo(a)anthracene	13.85	228	1229890	41.56	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	310938	29.67	ng	#	98
82) Chrysene	13.89	228	1230233	42.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	878435	42.62	ng		98
84) Di-n-octyl phthalate	14.47	149	1474379	43.36	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.56	276	938238	41.54	ng		99
87) Benzo(b)fluoranthene	14.87	252	1203200m	43.68	ng		
88) Benzo(k)fluoranthene	14.89	252	870071m	38.20	ng		
89) Benzo(a)pyrene	15.19	252	963332	41.05	ng	#	95
90) Dibenzo(a,h)anthracene	16.57	278	783683	39.67	ng		96
91) Benzo(g,h,i)perylene	16.95	276	788618	39.63	ng		99

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

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