Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086931.D
Acq On : 12 May 2016 15:32
Operator : UM/SJ
Sample : PB90495BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90495BS

Manual Integrations
APPROVED
sohil
5/13/2016 8:03:38 PM

Quant Time: May 13 01:01:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	156826	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	650429	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	316096	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	625831	20.00	ng	0.00
75) Chrysene-d12	13.76	240	401033	20.00	ng	-0.01
86) Perylene-d12	15.12	264	328302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1003240	108.34	ng	0.02
7) Phenol-d6	6.30	99	1242323	100.38	ng	0.00
23) Nitrobenzene-d5	7.20	82	879267	67.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	360880	107.84	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1467948	78.05	ng	0.00
78) Terphenyl-d14	12.72	244	1195323	63.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
2) 1,4-Dioxane	2.17	88	133042	29.26	ng	#	65
3) Pyridine	2.81	79	359038	32.30	ng	#	64
4) n-Nitrosodimethylamine	2.76	42	277255	34.40	ng	#	50
6) Aniline	6.30	93	172537	11.53	ng	#	1
8) 2-Chlorophenol	6.41	128	375958	33.65	ng	#	81
9) Benzaldehyde	6.17	77	29581	4.13	ng		97
10) Phenol	6.31	94	519181	35.29	ng		86
11) bis(2-Chloroethyl)ether	6.36	93	348385	30.37	ng	#	82
12) 1,3-Dichlorobenzene	6.56	146	389744	32.23	ng	#	93
13) 1,4-Dichlorobenzene	6.64	146	393980m	31.95	ng		
14) 1,2-Dichlorobenzene	6.79	146	335338m	31.20	ng		
15) Benzyl Alcohol	6.79	79	329135	38.51	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	758551	30.42	ng		59
17) 2-Methylphenol	6.91	107	310922	34.97	ng	#	82
18) Hexachloroethane	7.13	117	146666	31.61	ng		96
19) n-Nitroso-di-n-propylamine	7.05	70	279444	32.31	ng	#	63
20) 3+4-Methylphenols	7.07	107	419108	36.09	ng	#	60
22) Acetophenone	7.04	105	537775	35.00	ng	#	94
24) Nitrobenzene	7.22	77	424254	31.84	ng	#	87
25) Isophorone	7.46	82	783045	32.58	ng		96
26) 2-Nitrophenol	7.53	139	183219	31.28	ng	#	66
27) 2,4-Dimethylphenol	7.59	122	323175	32.39	ng		87
28) bis(2-Chloroethoxy)methane	7.68	93	493716	38.08	ng		98
29) 2,4-Dichlorophenol	7.78	162	303668	34.58	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	321711	32.76	ng		94
31) Naphthalene	7.93	128	1056250	32.42	ng		99
32) Benzoic acid	7.74	122	157484	26.87	ng	#	81
33) 4-Chloroaniline	8.00	127	87173	6.89	ng		96
34) Hexachlorobutadiene	8.06	225	187731	32.95	ng		99
35) Caprolactam	8.36	113	99956m	33.45	ng		
36) 4-Chloro-3-methylphenol	8.50	107	367884	34.54	ng		94
37) 2-Methylnaphthalene	8.63	142	753011	39.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	289552	31.51	ng	#	98
40) Hexachlorocyclopentadiene	8.78	237	291499	66.82	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	203913	33.18 ng		92
43) 2,4,5-Trichlorophenol	8.96	196	203884	32.08 ng	#	81
45) 1,1'-Biphenyl	9.08	154	827364	32.91 ng		96
46) 2-Chloronaphthalene	9.11	162	625617	31.76 ng		93
47) 2-Nitroaniline	9.22	65	267291	37.13 ng		86
48) Acenaphthylene	9.52	152	981614	33.88 ng		99
49) Dimethylphthalate	9.40	163	833520	34.56 ng		99
50) 2,6-Dinitrotoluene	9.46	165	173358	34.16 ng	#	84
51) Acenaphthene	9.69	154	597190	33.13 ng		99
52) 3-Nitroaniline	9.63	138	57675	10.79 ng		93
53) 2,4-Dinitrophenol	9.75	184	151808	60.60 ng	#	80
54) Dibenzofuran	9.86	168	865532	37.41 ng		92
55) 4-Nitrophenol	9.83	139	227197	64.70 ng	#	73
56) 2,4-Dinitrotoluene	9.86	165	208242	33.16 ng	#	57
57) Fluorene	10.20	166	649291	32.91 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	177747	37.15 ng		97
59) Diethylphthalate	10.10	149	800718	34.07 ng		96
60) 4-Chlorophenyl-phenylether	10.20	204	338261	37.86 ng		89
61) 4-Nitroaniline	10.25	138	182802	35.62 ng	#	80
62) Azobenzene	10.36	77	976471	38.51 ng		88
64) 4,6-Dinitro-2-methylphenol	10.27	198	118355	30.44 ng	#	67
65) n-Nitrosodiphenylamine	10.33	169	662445	34.46 ng		98
66) 4-Bromophenyl-phenylether	10.68	248	201650	31.78 ng		88
67) Hexachlorobenzene	10.75	284	246989	33.31 ng		95
68) Atrazine	10.86	200	193228	30.08 ng		94
69) Pentachlorophenol	10.96	266	223645	65.26 ng		97
70) Phenanthrene	11.16	178	1120524	33.55 ng		99
71) Anthracene	11.21	178	997500	29.20 ng		99
72) Carbazole	11.37	167	962026	32.76 ng		98
73) Di-n-butylphthalate	11.71	149	1231025	34.33 ng		99
74) Fluoranthene	12.34	202	1114874	32.46 ng		95
76) Benzidine	12.48	184	229150	22.41 ng		95
77) Pyrene	12.57	202	1157439	37.70 ng		99
79) Butylbenzylphthalate	13.20	149	479278	36.91 ng	#	76
80) Benzo(a)anthracene	13.75	228	827511	36.76 ng		98
81) 3,3'-Dichlorobenzidine	13.73	252	133051	9.30 ng	#	96
82) Chrysene	13.79	228	888190	38.78 ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	540595	34.61 ng	#	98
84) Di-n-octyl phthalate	14.37	149	887334	34.29 ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.38	276	666857	35.00 ng		95
87) Benzo(b)fluoranthene	14.75	252	703307m	32.96 ng		
88) Benzo(k)fluoranthene	14.78	252	613084m	35.09 ng		
89) Benzo(a)pyrene	15.07	252	652170	35.44 ng	#	97
90) Dibenzo(a,h)anthracene	16.38	278	557563	35.95 ng		97
91) Benzo(g,h,i)perylene	16.74	276	569190	36.12 ng		95

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

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