Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084728.D
Acq On : 2 Feb 2016 00:04
Operator : SJ/IZ
Sample : PB88098BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Manual Integrations APPROVED
mohammad
2/2/2016 4:18:22 PM

Quant Time: Feb 02 03:45:38 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	171886	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	671294	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	331800	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	616612	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	421359	20.00	ng		-0.01
86) Perylene-d12	15.24	264	378069	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1348266	122.18	ng		0.01
7) Phenol-d6	6.36	99	1670543	122.11	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1083465	90.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	445868	128.83	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1816101	96.60	ng		-0.01
78) Terphenyl-d14	12.82	244	1809858	97.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	171408	35.46	ng	#	76
3) Pyridine	2.96	79	463850	36.83	ng	#	73
4) n-Nitrosodimethylamine	2.91	42	256237	39.34	ng	#	83
6) Aniline	6.37	93	318619	19.03	ng	#	19
8) 2-Chlorophenol	6.50	128	504539	40.39	ng		92
9) Benzaldehyde	6.26	77	26183	3.24	ng		89
10) Phenol	6.38	94	540090	35.24	ng		89
11) bis(2-Chloroethyl)ether	6.45	93	456836	38.23	ng		83
12) 1,3-Dichlorobenzene	6.65	146	497610m	37.71	ng		
13) 1,4-Dichlorobenzene	6.73	146	525253	39.81	ng		95
14) 1,2-Dichlorobenzene	6.89	146	457338	37.22	ng		94
15) Benzyl Alcohol	6.86	79	389151	41.19	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	750998	37.36	ng		88
17) 2-Methylphenol	6.99	107	415997	42.11	ng	#	94
18) Hexachloroethane	7.22	117	194449	38.27	ng		93
19) n-Nitroso-di-n-propylamine	7.14	70	355434	41.45	ng	#	75
20) 3+4-Methylphenols	7.14	107	505357	41.21	ng	#	78
22) Acetophenone	7.13	105	692635	39.15	ng		99
24) Nitrobenzene	7.30	77	483043	37.85	ng		98
25) Isophorone	7.54	82	963180	41.57	ng		97
26) 2-Nitrophenol	7.62	139	272422	43.28	ng	#	88
27) 2,4-Dimethylphenol	7.66	122	453804	41.45	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	564873	41.09	ng		100
29) 2,4-Dichlorophenol	7.87	162	419029	44.74	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	423169	40.00	ng		95
31) Naphthalene	8.02	128	1321171	39.24	ng		99
32) Benzoic acid	7.81	122	297567	42.50	ng		93
33) 4-Chloroaniline	8.08	127	169275	12.16	ng		95
34) Hexachlorobutadiene	8.14	225	259363	42.52	ng		99
35) Caprolactam	8.45	113	134606m	46.62	ng		
36) 4-Chloro-3-methylphenol	8.58	107	492072	46.05	ng		97
37) 2-Methylnaphthalene	8.72	142	1007449	47.80	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	363272	34.47	ng		98
40) Hexachlorocyclopentadiene	8.86	237	389467	82.61	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	303623	44.72	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	285294	41.36	ng		95
45) 1,1'-Biphenyl	9.18	154	1137985	38.40	ng		94
46) 2-Chloronaphthalene	9.20	162	831673	38.11	ng		96
47) 2-Nitroaniline	9.30	65	259840	37.60	ng		97
48) Acenaphthylene	9.62	152	1344113	40.58	ng		99
49) Dimethylphthalate	9.49	163	1054542	41.73	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	249874	45.26	ng	#	91
51) Acenaphthene	9.79	154	886574	41.15	ng		97
52) 3-Nitroaniline	9.71	138	101592	16.38	ng		96
53) 2,4-Dinitrophenol	9.82	184	237153	92.13	ng	#	86
54) Dibenzofuran	9.96	168	1247924	47.39	ng		97
55) 4-Nitrophenol	9.89	139	310224	68.04	ng	#	75
56) 2,4-Dinitrotoluene	9.95	165	301832	42.86	ng	#	88
57) Fluorene	10.30	166	942561	42.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	231223	44.03	ng		92
59) Diethylphthalate	10.19	149	1054178	42.72	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	408028	44.00	ng		94
61) 4-Nitroaniline	10.33	138	217204	35.93	ng		93
62) Azobenzene	10.45	77	1084762	45.72	ng		91
64) 4,6-Dinitro-2-methylphenol	10.36	198	182842	48.04	ng		79
65) n-Nitrosodiphenylamine	10.42	169	885575	45.23	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	300857	44.18	ng		95
67) Hexachlorobenzene	10.84	284	297883	40.14	ng	#	87
68) Atrazine	10.94	200	248232	40.15	ng		96
69) Pentachlorophenol	11.05	266	321389	92.15	ng		99
70) Phenanthrene	11.25	178	1342759	39.26	ng		97
71) Anthracene	11.31	178	1553565	45.08	ng		99
72) Carbazole	11.47	167	1400515	46.61	ng		98
73) Di-n-butylphthalate	11.80	149	1466694	38.34	ng	#	96
74) Fluoranthene	12.44	202	1604719	46.36	ng		94
76) Benzidine	12.57	184	391760	26.72	ng		99
77) Pyrene	12.67	202	1551038	48.08	ng		99
79) Butylbenzylphthalate	13.30	149	724046	49.47	ng	#	89
80) Benzo(a)anthracene	13.85	228	1192444	45.60	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	269758	29.13	ng		100
82) Chrysene	13.89	228	1210862	47.75	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	899599	49.40	ng	#	97
84) Di-n-octyl phthalate	14.47	149	1441047	47.96	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.55	276	953326	47.76	ng		99
87) Benzo(b)fluoranthene	14.87	252	1172868m	46.17	ng		
88) Benzo(k)fluoranthene	14.89	252	829424m	39.49	ng		
89) Benzo(a)pyrene	15.19	252	910534	42.07	ng	#	96
90) Dibenzo(a,h)anthracene	16.56	278	778360	42.72	ng		99
91) Benzo(g,h,i)perylene	16.95	276	802805	43.74	ng		96

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

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