Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085211.D
Acq On : 4 Mar 2016 19:14
Operator : SJ/IZ
Sample : PB88680BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88680BS

Manual Integrations APPROVED
UMANGI
3/7/2016 3:30:43 PM

Quant Time: Mar 07 10:37:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177950	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	692709	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	319457	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	590525	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	427131	20.00	ng		-0.01
86) Perylene-d12	15.60	264	288045	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1174825	110.74	ng		0.01
7) Phenol-d6	6.60	99	1598994	115.04	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1035105	79.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	356189	130.31	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1849362	88.04	ng		-0.01
78) Terphenyl-d14	13.09	244	1564245	85.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	179391	33.07	ng		99
3) Pyridine	3.54	79	453667	33.41	ng		97
4) n-Nitrosodimethylamine	3.49	42	209905	36.12	ng		94
6) Aniline	6.63	93	361864	18.58	ng		99
8) 2-Chlorophenol	6.76	128	479963	37.58	ng		97
9) Benzaldehyde	6.52	77	173141	23.56	ng		99
10) Phenol	6.61	94	505810m	33.98	ng		
11) bis(2-Chloroethyl)ether	6.71	93	502786	40.67	ng		96
12) 1,3-Dichlorobenzene	6.92	146	535972	39.09	ng		99
13) 1,4-Dichlorobenzene	6.98	146	511932	37.25	ng		98
14) 1,2-Dichlorobenzene	7.14	146	507299	40.69	ng		99
15) Benzyl Alcohol	7.11	79	424283	41.58	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	622711	34.94	ng		99
17) 2-Methylphenol	7.22	107	442833	42.49	ng		99
18) Hexachloroethane	7.49	117	199048	39.26	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	324875	35.86	ng	#	90
20) 3+4-Methylphenols	7.37	107	480012	38.89	ng		97
22) Acetophenone	7.38	105	661283	39.11	ng	#	96
24) Nitrobenzene	7.56	77	573639	43.62	ng		95
25) Isophorone	7.80	82	982665	40.96	ng		98
26) 2-Nitrophenol	7.88	139	270213	42.23	ng		97
27) 2,4-Dimethylphenol	7.91	122	506171	43.28	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	565128	42.30	ng		100
29) 2,4-Dichlorophenol	8.12	162	410556	43.53	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	415505	40.75	ng		99
31) Naphthalene	8.28	128	1361585	39.97	ng		99
32) Benzoic acid	8.01	122	229346	29.52	ng		98
33) 4-Chloroaniline	8.32	127	129969	9.43	ng		95
34) Hexachlorobutadiene	8.40	225	227107	42.80	ng		100
35) Caprolactam	8.70	113	136110m	44.19	ng		
36) 4-Chloro-3-methylphenol	8.80	107	433904	40.55	ng		98
37) 2-Methylnaphthalene	8.97	142	973861	44.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	353287	38.67	ng		99
40) Hexachlorocyclopentadiene	9.12	237	432349	87.74	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	309399	45.49	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	269315	41.77	ng	#	86
45) 1,1'-Biphenyl	9.43	154	1074352	39.36	ng		98
46) 2-Chloronaphthalene	9.46	162	875195	42.07	ng		98
47) 2-Nitroaniline	9.56	65	281566	43.68	ng	#	75
48) Acenaphthylene	9.88	152	1265383	39.08	ng		98
49) Dimethylphthalate	9.74	163	1011286	41.24	ng		100
50) 2,6-Dinitrotoluene	9.80	165	213782	40.76	ng		96
51) Acenaphthene	10.05	154	854558	43.47	ng		99
52) 3-Nitroaniline	9.96	138	97246	15.50	ng	#	78
53) 2,4-Dinitrophenol	10.07	184	212034	79.69	ng	#	46
54) Dibenzofuran	10.22	168	1100927	42.74	ng		100
55) 4-Nitrophenol	10.13	139	385728	78.21	ng		86
56) 2,4-Dinitrotoluene	10.20	165	265496	39.55	ng	#	83
57) Fluorene	10.56	166	812386	40.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	199009	43.93	ng		99
59) Diethylphthalate	10.44	149	946332	39.77	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	388992	39.52	ng		94
61) 4-Nitroaniline	10.57	138	221420	37.72	ng		98
62) Azobenzene	10.71	77	998125	42.58	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	143145	40.48	ng		80
65) n-Nitrosodiphenylamine	10.68	169	806133	43.89	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	228005	39.76	ng	#	89
67) Hexachlorobenzene	11.11	284	241834	39.53	ng	#	84
68) Atrazine	11.20	200	273887	53.62	ng		94
69) Pentachlorophenol	11.30	266	283642	83.54	ng		98
70) Phenanthrene	11.52	178	1194170	38.59	ng		99
71) Anthracene	11.58	178	1351193	41.13	ng		99
72) Carbazole	11.73	167	1068373	37.09	ng		99
73) Di-n-butylphthalate	12.06	149	1462581	40.16	ng	#	98
74) Fluoranthene	12.71	202	1152879	37.12	ng		97
76) Benzidine	12.83	184	330850	26.03	ng		100
77) Pyrene	12.94	202	1138248	35.41	ng		100
79) Butylbenzylphthalate	13.56	149	589052	40.38	ng	#	83
80) Benzo(a)anthracene	14.13	228	997024	38.99	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	120051	14.88	ng		97
82) Chrysene	14.16	228	756528	32.03	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	748233	38.98	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1103616	37.75	ng		98
85) Indeno(1,2,3-cd)pyrene	17.08	276	703850	38.18	ng		99
87) Benzo(b)fluoranthene	15.18	252	798100	41.57	ng	#	96
88) Benzo(k)fluoranthene	15.20	252	648589m	41.88	ng		
89) Benzo(a)pyrene	15.55	252	676565	42.52	ng	#	98
90) Dibenzo(a,h)anthracene	17.10	278	591650	43.56	ng		98
91) Benzo(g,h,i)perylene	17.53	276	595917	43.64	ng		96

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

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