Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086041.D
Acq On : 4 Apr 2016 16:38
Operator : UM/SJ
Sample : PB89461BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:02 PM

Quant Time: Apr 05 01:38:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	115270	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	455504	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	225070	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	429143	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	350790	20.00	ng		-0.01
86) Perylene-d12	15.32	264	309754	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	819017	121.45	ng		0.00
7) Phenol-d6	6.41	99	961950	112.30	ng		-0.01
23) Nitrobenzene-d5	7.33	82	614254	79.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	253981	120.23	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1151898	85.10	ng		-0.01
78) Terphenyl-d14	12.87	244	1102557	73.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	103627	32.41	ng		99
3) Pyridine	3.07	79	250823	35.04	ng		99
4) n-Nitrosodimethylamine	3.01	42	122746	39.00	ng		99
6) Aniline	6.43	93	300284	26.72	ng	#	87
8) 2-Chlorophenol	6.54	128	306148	38.07	ng		92
9) Benzaldehyde	6.32	77	112716	24.46	ng		92
10) Phenol	6.42	94	348854	35.70	ng		88
11) bis(2-Chloroethyl)ether	6.50	93	268246	34.67	ng		94
12) 1,3-Dichlorobenzene	6.70	146	306290	35.93	ng		99
13) 1,4-Dichlorobenzene	6.77	146	314360	35.80	ng		98
14) 1,2-Dichlorobenzene	6.93	146	300256	37.15	ng		100
15) Benzyl Alcohol	6.91	79	226625	40.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	338857	35.85	ng		90
17) 2-Methylphenol	7.04	107	254948	40.21	ng		97
18) Hexachloroethane	7.26	117	114395	35.42	ng	#	80
19) n-Nitroso-di-n-propylamine	7.18	70	203372	38.30	ng		98
20) 3+4-Methylphenols	7.18	107	319323	41.41	ng	#	88
22) Acetophenone	7.17	105	406619	37.97	ng	#	95
24) Nitrobenzene	7.36	77	309513	36.63	ng	#	82
25) Isophorone	7.60	82	597835	39.21	ng	#	93
26) 2-Nitrophenol	7.66	139	159762	39.52	ng	#	83
27) 2,4-Dimethylphenol	7.71	122	273549	37.67	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	355173	39.70	ng		98
29) 2,4-Dichlorophenol	7.92	162	249173	40.59	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	260647	37.82	ng		94
31) Naphthalene	8.06	128	851460	37.16	ng		100
32) Benzoic acid	7.86	122	175611	32.96	ng		98
33) 4-Chloroaniline	8.13	127	159378	17.22	ng		98
34) Hexachlorobutadiene	8.19	225	134634	36.34	ng		99
35) Caprolactam	8.50	113	87840m	45.10	ng		
36) 4-Chloro-3-methylphenol	8.62	107	295375	42.80	ng		89
37) 2-Methylnaphthalene	8.76	142	581664	38.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	238212	35.21	ng		99
40) Hexachlorocyclopentadiene	8.91	237	182895	76.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	172004	39.60	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	175263	39.74	ng	#	95
45) 1,1'-Biphenyl	9.22	154	691253	35.62	ng		99
46) 2-Chloronaphthalene	9.25	162	536628	38.15	ng		99
47) 2-Nitroaniline	9.36	65	183362	44.55	ng		85
48) Acenaphthylene	9.66	152	883238	39.19	ng		99
49) Dimethylphthalate	9.53	163	633268	37.96	ng		99
50) 2,6-Dinitrotoluene	9.60	165	145461	41.21	ng		88
51) Acenaphthene	9.84	154	523532	39.06	ng		100
52) 3-Nitroaniline	9.77	138	109861	25.83	ng		93
53) 2,4-Dinitrophenol	9.88	184	141820	64.81	ng	#	81
54) Dibenzofuran	10.01	168	723764	40.89	ng		99
55) 4-Nitrophenol	9.95	139	226811	90.45	ng	#	81
56) 2,4-Dinitrotoluene	10.01	165	195119	43.75	ng	#	75
57) Fluorene	10.35	166	612179	40.49	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	150283	45.77	ng		94
59) Diethylphthalate	10.22	149	635510	37.74	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	265533	37.70	ng		100
61) 4-Nitroaniline	10.38	138	172844	41.26	ng		92
62) Azobenzene	10.50	77	689081	42.73	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	104999	40.37	ng	#	57
65) n-Nitrosodiphenylamine	10.46	169	549665	40.96	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	176931	40.38	ng		97
67) Hexachlorobenzene	10.90	284	190143	41.97	ng		98
68) Atrazine	10.99	200	162922	37.57	ng		97
69) Pentachlorophenol	11.09	266	167513	78.89	ng		98
70) Phenanthrene	11.31	178	957503	40.90	ng		100
71) Anthracene	11.36	178	905013	36.90	ng		100
72) Carbazole	11.52	167	803917	38.13	ng		99
73) Di-n-butylphthalate	11.85	149	1049096	40.16	ng		100
74) Fluoranthene	12.49	202	935570	38.42	ng		100
76) Benzidine	12.61	184	422789	34.16	ng		100
77) Pyrene	12.72	202	966023	39.08	ng		99
79) Butylbenzylphthalate	13.33	149	449226	40.36	ng	#	68
80) Benzo(a)anthracene	13.91	228	801176	38.75	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	141000	9.34	ng		99
82) Chrysene	13.95	228	801541	40.24	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	577526	39.09	ng		100
84) Di-n-octyl phthalate	14.51	149	1076749	45.64	ng		98
85) Indeno(1,2,3-cd)pyrene	16.68	276	636284	39.37	ng		99
87) Benzo(b)fluoranthene	14.92	252	958798m	49.21	ng		
88) Benzo(k)fluoranthene	14.96	252	561174m	32.52	ng		
89) Benzo(a)pyrene	15.27	252	704294	40.79	ng		99
90) Dibenzo(a,h)anthracene	16.68	278	530735	38.21	ng		99
91) Benzo(g,h,i)perylene	17.08	276	512491	38.12	ng		95

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

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