Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085974.D
Acq On : 1 Apr 2016 21:15
Operator : UM/SJ
Sample : PB89334BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89334BS

Manual Integrations APPROVED
Sohil
4/4/2016 7:42:36 PM

Quant Time: Apr 01 23:28:54 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	6.77	152	101860	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	410715	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	198687	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	369175	20.00	ng		0.00
75) Chrysene-d12	13.93	240	321203	20.00	ng		0.00
86) Perylene-d12	15.33	264	262698	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	731437	122.74	ng		0.01
7) Phenol-d6	6.42	99	866518	114.48	ng		0.00
23) Nitrobenzene-d5	7.34	82	569808	81.82	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	217904	116.85	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1026717	85.92	ng		0.00
78) Terphenyl-d14	12.88	244	952432	69.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	84422	29.88	ng		98
3) Pyridine	3.09	79	218605	34.56	ng		99
4) n-Nitrosodimethylamine	3.04	42	102837	36.98	ng		99
6) Aniline	6.44	93	154403	15.55	ng	#	93
8) 2-Chlorophenol	6.56	128	259918	36.57	ng		93
9) Benzaldehyde	6.33	77	116860	28.69	ng		91
10) Phenol	6.43	94	348566	40.37	ng		96
11) bis(2-Chloroethyl)ether	6.51	93	228586	33.43	ng		96
12) 1,3-Dichlorobenzene	6.72	146	262265	34.82	ng		99
13) 1,4-Dichlorobenzene	6.78	146	268709	34.63	ng		99
14) 1,2-Dichlorobenzene	6.94	146	257182	36.01	ng		99
15) Benzyl Alcohol	6.92	79	191714	39.15	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	293041	35.08	ng		93
17) 2-Methylphenol	7.04	107	207866	37.10	ng		98
18) Hexachloroethane	7.28	117	98457	34.50	ng	#	81
19) n-Nitroso-di-n-propylamine	7.20	70	175137	37.33	ng		99
20) 3+4-Methylphenols	7.20	107	264233	38.77	ng	#	82
22) Acetophenone	7.18	105	337573	34.96	ng	#	94
24) Nitrobenzene	7.36	77	248659	32.64	ng		97
25) Isophorone	7.60	82	472864	34.40	ng		100
26) 2-Nitrophenol	7.68	139	131799	36.15	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	248616	37.97	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	313256	38.83	ng		99
29) 2,4-Dichlorophenol	7.93	162	201893	36.47	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	219563	35.34	ng		94
31) Naphthalene	8.08	128	706633	34.20	ng		99
32) Benzoic acid	7.86	122	142382	29.64	ng		98
33) 4-Chloroaniline	8.14	127	72024	8.63	ng		99
34) Hexachlorobutadiene	8.20	225	114501	34.28	ng		98
35) Caprolactam	8.50	113	68781m	39.17	ng		
36) 4-Chloro-3-methylphenol	8.62	107	222505	35.76	ng		96
37) 2-Methylnaphthalene	8.77	142	516923	38.30	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	196103	32.84	ng		99
40) Hexachlorocyclopentadiene	8.92	237	148957	71.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	136161	35.51	ng		96
43) 2,4,5-Trichlorophenol	9.10	196	137844	35.40	ng		98
45) 1,1'-Biphenyl	9.23	154	562516	32.83	ng		99
46) 2-Chloronaphthalene	9.26	162	437613	35.24	ng		100
47) 2-Nitroaniline	9.36	65	132006	36.33	ng	#	80
48) Acenaphthylene	9.68	152	731282	36.76	ng		99
49) Dimethylphthalate	9.54	163	507875	34.49	ng		100
50) 2,6-Dinitrotoluene	9.61	165	123889	39.76	ng	#	75
51) Acenaphthene	9.85	154	432752	36.58	ng		100
52) 3-Nitroaniline	9.78	138	48380	12.88	ng		85
53) 2,4-Dinitrophenol	9.89	184	124553	64.58	ng	#	67
54) Dibenzofuran	10.02	168	629395	40.28	ng		100
55) 4-Nitrophenol	9.95	139	175297	79.19	ng		98
56) 2,4-Dinitrotoluene	10.01	165	138944	35.29	ng	#	33
57) Fluorene	10.36	166	508847	38.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	113123	39.02	ng		98
59) Diethylphthalate	10.24	149	500189	33.65	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	232089	37.33	ng		97
61) 4-Nitroaniline	10.38	138	117579	31.79	ng		85
62) Azobenzene	10.51	77	572702	40.23	ng		100
64) 4,6-Dinitro-2-methylphenol	10.42	198	79571	35.57	ng		99
65) n-Nitrosodiphenylamine	10.48	169	454779	39.39	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	145192	38.52	ng		96
67) Hexachlorobenzene	10.91	284	152813	39.21	ng		97
68) Atrazine	11.00	200	138794	37.21	ng		98
69) Pentachlorophenol	11.10	266	141762	77.61	ng		100
70) Phenanthrene	11.32	178	780201	38.74	ng		100
71) Anthracene	11.37	178	725230	34.37	ng		99
72) Carbazole	11.53	167	670047	36.95	ng		99
73) Di-n-butylphthalate	11.86	149	874275	38.91	ng		100
74) Fluoranthene	12.50	202	734913	35.08	ng		100
76) Benzidine	12.62	184	207804	18.34	ng		100
77) Pyrene	12.73	202	737304	32.57	ng		99
79) Butylbenzylphthalate	13.35	149	358588	35.18	ng	#	66
80) Benzo(a)anthracene	13.92	228	636172	33.60	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	84702	6.12	ng	#	98
82) Chrysene	13.95	228	589013	32.30	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	461767	34.14	ng		99
84) Di-n-octyl phthalate	14.52	149	825956	38.24	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	492446	33.28	ng		99
87) Benzo(b)fluoranthene	14.93	252	543652m	32.90	ng		
88) Benzo(k)fluoranthene	14.97	252	605063m	41.35	ng		
89) Benzo(a)pyrene	15.28	252	538521	36.78	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	411207	34.91	ng		98
91) Benzo(g,h,i)perylene	17.09	276	401927	35.26	ng		96

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

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