Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086165.D
Acq On : 8 Apr 2016 13:46
Operator : UM/SJ
Sample : PB89567BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:08 PM

Quant Time: Apr 08 23:52:06 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	6.73	152	111637	20.00	ng		-0.05
21) Naphthalene-d8	8.02	136	452398	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	217893	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	388275	20.00	ng		-0.05
75) Chrysene-d12	13.88	240	294898	20.00	ng		-0.05
86) Perylene-d12	15.28	264	239135	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	734194	112.41	ng		-0.03
7) Phenol-d6	6.38	99	975065	117.54	ng		-0.03
23) Nitrobenzene-d5	7.30	82	579925	75.60	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	230366	112.64	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1096650	83.68	ng		-0.05
78) Terphenyl-d14	12.83	244	962542	76.73	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	100743	32.54	ng		98
3) Pyridine	3.01	79	268764	38.77	ng		100
4) n-Nitrosodimethylamine	2.97	42	117855	38.66	ng		95
6) Aniline	6.40	93	181243	16.65	ng	#	1
8) 2-Chlorophenol	6.51	128	288678	37.06	ng		87
9) Benzaldehyde	6.28	77	96045	21.52	ng		93
10) Phenol	6.40	94	389531	41.16	ng		95
11) bis(2-Chloroethyl)ether	6.46	93	273061m	36.44	ng		
12) 1,3-Dichlorobenzene	6.67	146	299607	36.29	ng		99
13) 1,4-Dichlorobenzene	6.74	146	303818	35.72	ng		99
14) 1,2-Dichlorobenzene	6.90	146	290925	37.16	ng		99
15) Benzyl Alcohol	6.89	79	228938	42.66	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.01	45	321096	35.08	ng		77
17) 2-Methylphenol	7.00	107	244610	39.83	ng		95
18) Hexachloroethane	7.23	117	114793	36.70	ng	#	82
19) n-Nitroso-di-n-propylamine	7.15	70	197348	38.38	ng		95
20) 3+4-Methylphenols	7.16	107	320398	42.90	ng	#	61
22) Acetophenone	7.15	105	409893	38.54	ng	#	90
24) Nitrobenzene	7.32	77	317612	37.84	ng	#	86
25) Isophorone	7.56	82	580622	38.34	ng		96
26) 2-Nitrophenol	7.64	139	156829	39.06	ng		91
27) 2,4-Dimethylphenol	7.69	122	289357	40.12	ng		94
28) bis(2-Chloroethoxy)methane	7.77	93	341055	38.38	ng		98
29) 2,4-Dichlorophenol	7.88	162	244141	40.04	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	257468	37.62	ng		95
31) Naphthalene	8.03	128	834893	36.69	ng		99
32) Benzoic acid	7.82	122	137120	25.92	ng		99
33) 4-Chloroaniline	8.10	127	94090	10.24	ng		98
34) Hexachlorobutadiene	8.16	225	132485	36.01	ng		99
35) Caprolactam	8.46	113	78395m	40.53	ng		
36) 4-Chloro-3-methylphenol	8.59	107	262890	38.36	ng		96
37) 2-Methylnaphthalene	8.73	142	573602	38.59	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	241567	36.89	ng		100
40) Hexachlorocyclopentadiene	8.88	237	139791	64.31	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	156869	37.30	ng		100
43) 2,4,5-Trichlorophenol	9.06	196	166589	39.02	ng	#	87
45) 1,1'-Biphenyl	9.20	154	675582	35.96	ng		93
46) 2-Chloronaphthalene	9.22	162	518432	38.07	ng		97
47) 2-Nitroaniline	9.32	65	161392	40.50	ng		100
48) Acenaphthylene	9.63	152	843166	38.65	ng		99
49) Dimethylphthalate	9.49	163	604445	37.43	ng		99
50) 2,6-Dinitrotoluene	9.56	165	120577	35.29	ng		96
51) Acenaphthene	9.80	154	494283	38.10	ng		99
52) 3-Nitroaniline	9.73	138	69187	16.80	ng		97
53) 2,4-Dinitrophenol	9.86	184	107356	54.96	ng	#	68
54) Dibenzofuran	9.97	168	684053	39.92	ng		100
55) 4-Nitrophenol	9.92	139	148529	61.18	ng		90
56) 2,4-Dinitrotoluene	9.97	165	157644	36.51	ng	#	52
57) Fluorene	10.32	166	574716	39.26	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	131412	41.34	ng		95
59) Diethylphthalate	10.19	149	579898	35.58	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	246642	36.17	ng		99
61) 4-Nitroaniline	10.35	138	140200	34.57	ng		92
62) Azobenzene	10.46	77	642047	41.12	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	81789	34.76	ng		83
65) n-Nitrosodiphenylamine	10.43	169	497050	40.93	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	164730	41.56	ng		97
67) Hexachlorobenzene	10.86	284	168481	41.10	ng	#	92
68) Atrazine	10.96	200	152285	38.81	ng		96
69) Pentachlorophenol	11.07	266	123488	64.28	ng		99
70) Phenanthrene	11.28	178	850855	40.17	ng		99
71) Anthracene	11.32	178	778921	35.10	ng		99
72) Carbazole	11.48	167	692400	36.30	ng		99
73) Di-n-butylphthalate	11.81	149	926195	39.19	ng		100
74) Fluoranthene	12.46	202	811987	36.86	ng		88
76) Benzidine	12.58	184	283350	27.23	ng		98
77) Pyrene	12.68	202	786820	37.86	ng		99
79) Butylbenzylphthalate	13.31	149	409699	43.78	ng		98
80) Benzo(a)anthracene	13.87	228	659760	37.95	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	114940	9.05	ng		99
82) Chrysene	13.92	228	652809	38.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	504285	40.61	ng		99
84) Di-n-octyl phthalate	14.48	149	906110	45.69	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	487007	35.85	ng		99
87) Benzo(b)fluoranthene	14.89	252	561750m	37.34	ng		
88) Benzo(k)fluoranthene	14.92	252	579828m	43.53	ng		
89) Benzo(a)pyrene	15.22	252	529020	39.69	ng	#	97
90) Dibenzo(a,h)anthracene	16.63	278	414399	38.64	ng		97
91) Benzo(g,h,i)perylene	17.01	276	402092	38.75	ng		98

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

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