Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089507.D
Acq On : 1 Aug 2016 13:08
Operator : UM/SJ
Sample : PB92593BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92593BS

Manual Integrations APPROVED
sohil
8/2/2016 5:05:39 PM

Quant Time: Aug 02 02:24:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 02:21:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	38100	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	161164	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	75122	20.00	ng		-0.01
63) Phenanthrene-d10	10.98	188	158702	20.00	ng		0.00
75) Chrysene-d12	13.61	240	123466	20.00	ng		0.00
86) Perylene-d12	14.94	264	98838	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	354057	148.38	ng		0.02
7) Phenol-d6	6.15	99	440517	139.70	ng		0.00
23) Nitrobenzene-d5	7.06	82	287699	105.37	ng		0.00
41) 2,4,6-Tribromophenol	10.31	330	100032	160.78	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	489146	95.56	ng		-0.01
78) Terphenyl-d14	12.57	244	535362	101.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	45329	42.11	ng	#	88
3) Pyridine	2.52	79	123399	52.86	ng		98
4) n-Nitrosodimethylamine	2.50	42	50958	52.21	ng		94
6) Aniline	6.15	93	57493	16.89	ng	#	51
8) 2-Chlorophenol	6.26	128	130461	48.34	ng		84
9) Benzaldehyde	6.02	77	58853	38.22	ng		98
10) Phenol	6.16	94	159139	45.73	ng		95
11) bis(2-Chloroethyl)ether	6.23	93	127971	43.28	ng		90
12) 1,3-Dichlorobenzene	6.41	146	127629	45.21	ng		96
13) 1,4-Dichlorobenzene	6.50	146	139220	44.68	ng		93
14) 1,2-Dichlorobenzene	6.65	146	136674	46.83	ng		95
15) Benzyl Alcohol	6.64	79	112922	57.70	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.78	45	141050	43.74	ng		78
17) 2-Methylphenol	6.78	107	103699	49.71	ng		96
18) Hexachloroethane	6.98	117	51605	43.20	ng		95
19) n-Nitroso-di-n-propylamine	6.91	70	93170	49.00	ng	#	90
20) 3+4-Methylphenols	6.94	107	143623	53.61	ng	#	82
22) Acetophenone	6.90	105	173324	45.17	ng	#	95
24) Nitrobenzene	7.07	77	136744	44.00	ng	#	88
25) Isophorone	7.32	82	261218	47.49	ng		97
26) 2-Nitrophenol	7.39	139	69433	49.97	ng	#	87
27) 2,4-Dimethylphenol	7.45	122	111841	50.53	ng		98
28) bis(2-Chloroethoxy)methane	7.54	93	166425	54.66	ng		99
29) 2,4-Dichlorophenol	7.64	162	113422	56.24	ng		99
30) 1,2,4-Trichlorobenzene	7.71	180	110922	48.20	ng		96
31) Naphthalene	7.79	128	401970	50.37	ng		100
32) Benzoic acid	7.60	122	33658	21.82	ng		98
33) 4-Chloroaniline	7.86	127	23819	7.84	ng		97
34) Hexachlorobutadiene	7.91	225	56604	42.95	ng		99
35) Caprolactam	8.24	113	35841m	58.88	ng		
36) 4-Chloro-3-methylphenol	8.36	107	133116	55.53	ng		98
37) 2-Methylnaphthalene	8.48	142	240909	50.10	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	98307	37.40	ng		99
40) Hexachlorocyclopentadiene	8.64	237	61447	81.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	70129	56.11	ng		99
43) 2,4,5-Trichlorophenol	8.82	196	78510	49.59	ng		97
45) 1,1'-Biphenyl	8.95	154	292905	45.79	ng		96
46) 2-Chloronaphthalene	8.97	162	240070	49.98	ng		93
47) 2-Nitroaniline	9.07	65	80618	56.67	ng	#	74
48) Acenaphthylene	9.37	152	364500	48.17	ng		98
49) Dimethylphthalate	9.27	163	291767	51.03	ng		100
50) 2,6-Dinitrotoluene	9.32	165	66859	56.91	ng		96
51) Acenaphthene	9.54	154	210933	47.74	ng		99
52) 3-Nitroaniline	9.50	138	21633	17.45	ng		97
53) 2,4-Dinitrophenol	9.61	184	42182	78.36	ng		83
54) Dibenzofuran	9.72	168	339347	56.36	ng		94
55) 4-Nitrophenol	9.69	139	75992m	122.32	ng		
56) 2,4-Dinitrotoluene	9.72	165	86001	55.61	ng		98
57) Fluorene	10.06	166	259480	49.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	66976	63.36	ng		98
59) Diethylphthalate	9.95	149	280621	48.42	ng		100
60) 4-Chlorophenyl-phenylether	10.06	204	120008	49.78	ng	#	85
61) 4-Nitroaniline	10.10	138	64940	50.82	ng		99
62) Azobenzene	10.22	77	343624	57.57	ng		94
64) 4,6-Dinitro-2-methylphenol	10.14	198	34699	37.29	ng		76
65) n-Nitrosodiphenylamine	10.18	169	241815	48.83	ng		98
66) 4-Bromophenyl-phenylether	10.54	248	68426	45.16	ng	#	69
67) Hexachlorobenzene	10.60	284	74043	47.68	ng	#	86
68) Atrazine	10.72	200	77187	50.74	ng		97
69) Pentachlorophenol	10.81	266	63627	84.23	ng		97
70) Phenanthrene	11.00	178	398512	48.69	ng		99
71) Anthracene	11.06	178	445950	49.00	ng		99
72) Carbazole	11.22	167	390983	51.04	ng		98
73) Di-n-butylphthalate	11.56	149	440973	42.91	ng		99
74) Fluoranthene	12.18	202	436382	50.68	ng		95
76) Benzidine	12.32	184	126297	27.68	ng		97
77) Pyrene	12.41	202	431886	46.16	ng		99
79) Butylbenzylphthalate	13.05	149	220358	51.80	ng		92
80) Benzo(a)anthracene	13.60	228	366609	52.62	ng		100
81) 3,3'-Dichlorobenzidine	13.57	252	50934	20.31	ng	#	96
82) Chrysene	13.63	228	365793	49.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	273585	44.49	ng		99
84) Di-n-octyl phthalate	14.22	149	459956	47.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.10	276	252810	47.94	ng		99
87) Benzo(b)fluoranthene	14.59	252	304008m	49.53	ng		
88) Benzo(k)fluoranthene	14.62	252	275486m	48.82	ng		
89) Benzo(a)pyrene	14.89	252	275035	49.95	ng	#	93
90) Dibenzo(a,h)anthracene	16.11	278	209365	48.27	ng	#	94
91) Benzo(g,h,i)perylene	16.45	276	212654	49.88	ng		99

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

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