Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089692.D
Acq On : 9 Aug 2016 17:21
Operator : UM/SJ
Sample : PB92784BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92784BSD

Manual Integrations APPROVED
sohil
8/10/2016 9:21:17 AM

Quant Time: Aug 10 08:10:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	45528	20.00	ng	-0.03
21) Naphthalene-d8	9.44	136	199489	20.00	ng	-0.03
38) Acenaphthene-d10	12.26	164	95297	20.00	ng	-0.03
63) Phenanthrene-d10	14.65	188	184190	20.00	ng	-0.05
75) Chrysene-d12	18.37	240	147200	20.00	ng	-0.02
86) Perylene-d12	20.02	264	116919	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	187972	69.20	ng	0.00
7) Phenol-d6	6.96	99	253751	68.86	ng	-0.02
23) Nitrobenzene-d5	8.33	82	254580	70.59	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	55390	70.43	ng	-0.03
44) 2-Fluorobiphenyl	11.22	172	498828	68.03	ng	-0.03
78) Terphenyl-d14	17.03	244	473334	63.48	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	1.82	88	37857	24.31	ng	# 58
3) Pyridine	2.35	79	100593	35.15	ng	98
4) n-Nitrosodimethylamine	2.33	42	42164	35.50	ng	84
6) Aniline	6.91	93	116331	24.36	ng	96
8) 2-Chlorophenol	7.08	128	125492	37.63	ng	96
9) Benzaldehyde	6.72	77	40920m	30.61	ng	
10) Phenol	6.97	94	146308	38.67	ng	93
11) bis(2-Chloroethyl)ether	7.05	93	117203	36.06	ng	95
12) 1,3-Dichlorobenzene	7.31	146	120963	33.40	ng	99
13) 1,4-Dichlorobenzene	7.44	146	121261	33.57	ng	98
14) 1,2-Dichlorobenzene	7.67	146	123257	32.37	ng	100
15) Benzyl Alcohol	7.70	79	95324	39.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.92	45	136692	33.03	ng	98
17) 2-Methylphenol	7.92	107	93843	38.96	ng	97
18) Hexachloroethane	8.19	117	50280	33.03	ng	98
19) n-Nitroso-di-n-propylamine	8.14	70	93383	35.08	ng	97
20) 3+4-Methylphenols	8.18	107	117532	38.66	ng	99
22) Acetophenone	8.10	105	141642	29.78	ng	98
24) Nitrobenzene	8.35	77	120415	35.15	ng	99
25) Isophorone	8.75	82	253159	36.66	ng	99
26) 2-Nitrophenol	8.87	139	57194	36.38	ng	89
27) 2,4-Dimethylphenol	9.00	122	109403	38.71	ng	97
28) bis(2-Chloroethoxy)methane	9.14	93	150022	35.91	ng	98
29) 2,4-Dichlorophenol	9.28	162	96621	36.13	ng	96
30) 1,2,4-Trichlorobenzene	9.37	180	104529	34.22	ng	98
31) Naphthalene	9.47	128	359082	33.87	ng	99
32) Benzoic acid	9.31	122	45949	25.87	ng	96
33) 4-Chloroaniline	9.62	127	61403	15.42	ng	98
34) Hexachlorobutadiene	9.69	225	55403	31.50	ng	99
35) Caprolactam	10.24	113	31077m	39.87	ng	
36) 4-Chloro-3-methylphenol	10.48	107	118868	38.24	ng	100
37) 2-Methylnaphthalene	10.59	142	231558	35.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.88	216	91622	25.58	ng	99
40) Hexachlorocyclopentadiene	10.86	237	72219	60.72	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.10	196	62617	35.44	ng		99
43) 2,4,5-Trichlorophenol	11.18	196	74478	39.45	ng		96
45) 1,1'-Biphenyl	11.37	154	262966	30.60	ng		100
46) 2-Chloronaphthalene	11.38	162	221789	34.42	ng		96
47) 2-Nitroaniline	11.59	65	73564	35.42	ng		95
48) Acenaphthylene	12.03	152	371043	34.96	ng		99
49) Dimethylphthalate	11.93	163	280201	37.51	ng		100
50) 2,6-Dinitrotoluene	12.01	165	59844	40.30	ng		96
51) Acenaphthene	12.32	154	215703	35.18	ng		98
52) 3-Nitroaniline	12.27	138	36503	20.55	ng		96
53) 2,4-Dinitrophenol	12.48	184	40679	66.67	ng		97
54) Dibenzofuran	12.61	168	333018	39.51	ng		99
55) 4-Nitrophenol	12.65	139	63025	64.09	ng	#	71
56) 2,4-Dinitrotoluene	12.66	165	82774	39.63	ng	#	88
57) Fluorene	13.15	166	266280	36.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.83	232	58693	40.95	ng		98
59) Diethylphthalate	13.07	149	291946	37.79	ng		100
60) 4-Chlorophenyl-phenylether	13.19	204	122101	36.96	ng		98
61) 4-Nitroaniline	13.28	138	55345	34.66	ng		98
62) Azobenzene	13.44	77	314639	42.11	ng		93
64) 4,6-Dinitro-2-methylphenol	13.34	198	39060	36.15	ng		79
65) n-Nitrosodiphenylamine	13.39	169	228364	36.71	ng		99
66) 4-Bromophenyl-phenylether	13.97	248	66167	37.14	ng	#	81
67) Hexachlorobenzene	14.03	284	67147	34.26	ng		92
68) Atrazine	14.32	200	72187	41.56	ng		99
69) Pentachlorophenol	14.39	266	55448	66.80	ng		99
70) Phenanthrene	14.70	178	380045	37.95	ng		99
71) Anthracene	14.78	178	402124	37.45	ng		100
72) Carbazole	15.07	167	365571	40.85	ng		99
73) Di-n-butylphthalate	15.67	149	460444	38.04	ng		99
74) Fluoranthene	16.47	202	403582	39.20	ng		95
76) Benzidine	16.70	184	130757	29.30	ng		100
77) Pyrene	16.77	202	407672	31.33	ng		98
79) Butylbenzylphthalate	17.69	149	190777	34.45	ng	#	82
80) Benzo(a)anthracene	18.35	228	319098	37.73	ng		99
81) 3,3'-Dichlorobenzidine	18.34	252	67681	25.40	ng		100
82) Chrysene	18.40	228	323196	36.42	ng		99
83) Bis(2-ethylhexyl)phthalate	18.45	149	277102	36.14	ng		99
84) Di-n-octyl phthalate	19.22	149	470094	42.60	ng		100
85) Indeno(1,2,3-cd)pyrene	21.20	276	237930	35.31	ng		100
87) Benzo(b)fluoranthene	19.62	252	273023	37.97	ng		99
88) Benzo(k)fluoranthene	19.65	252	274631m	37.86	ng		
89) Benzo(a)pyrene	19.97	252	244979	36.39	ng		98
90) Dibenzo(a,h)anthracene	21.20	278	198448	31.55	ng	#	95
91) Benzo(g,h,i)perylene	21.53	276	203242	31.57	ng	#	93

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

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