Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081049.D
Acq On : 18 Aug 2015 18:42
Operator : UM/IZ
Sample : PB84980BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Manual Integrations APPROVED
apatel
8/19/2015 4:45:04 PM

Quant Time: Aug 19 01:21:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	64538	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	279528	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	131000	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	265677	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	240107	20.00	ng		-0.01
86) Perylene-d12	15.07	264	199674	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	413543	96.38	ng		0.00
7) Phenol-d6	6.26	99	615175	109.88	ng		0.00
23) Nitrobenzene-d5	7.18	82	369280	60.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.43	330	126947	111.79	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	609590	60.97	ng		-0.02
78) Terphenyl-d14	12.70	244	638764	57.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	53185	26.30	ng		96
3) Pyridine	2.72	79	151138	26.48	ng	#	82
4) n-Nitrosodimethylamine	2.67	42	103258	32.50	ng	#	78
6) Aniline	6.26	93	192848	23.69	ng	#	46
8) 2-Chlorophenol	6.39	128	154473	32.89	ng		93
9) Benzaldehyde	6.15	77	60668	16.81	ng		87
10) Phenol	6.27	94	265175	40.11	ng		82
11) bis(2-Chloroethyl)ether	6.35	93	180163	35.51	ng		95
12) 1,3-Dichlorobenzene	6.55	146	172343	34.15	ng		97
13) 1,4-Dichlorobenzene	6.63	146	170186	34.06	ng		98
14) 1,2-Dichlorobenzene	6.78	146	152717	32.65	ng		98
15) Benzyl Alcohol	6.76	79	167604	37.00	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	333796	33.48	ng		99
17) 2-Methylphenol	6.88	107	133632	33.16	ng		95
18) Hexachloroethane	7.12	117	66246	32.81	ng		99
19) n-Nitroso-di-n-propylamine	7.04	70	132905	34.27	ng		92
20) 3+4-Methylphenols	7.04	107	176782	34.56	ng	#	50
22) Acetophenone	7.03	105	238860	32.55	ng	#	90
24) Nitrobenzene	7.20	77	213776	33.41	ng		98
25) Isophorone	7.44	82	352413	30.88	ng		98
26) 2-Nitrophenol	7.52	139	91176	34.27	ng	#	65
27) 2,4-Dimethylphenol	7.56	122	153987	32.71	ng		95
28) bis(2-Chloroethoxy)methane	7.66	93	208217	30.89	ng		99
29) 2,4-Dichlorophenol	7.76	162	135777	34.26	ng		90
30) 1,2,4-Trichlorobenzene	7.84	180	136139	30.91	ng		98
31) Naphthalene	7.92	128	506599	32.51	ng		99
32) Benzoic acid	7.70	122	108032	40.80	ng		92
33) 4-Chloroaniline	7.98	127	102033	15.52	ng	#	82
34) Hexachlorobutadiene	8.04	225	78466	31.50	ng		97
35) Caprolactam	8.34	113	53842m	38.87	ng		
36) 4-Chloro-3-methylphenol	8.47	107	177187	37.52	ng		94
37) 2-Methylnaphthalene	8.60	142	302942	30.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	138101	32.67	ng		98
40) Hexachlorocyclopentadiene	8.76	237	153907	70.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	104744	35.08	ng		96
43) 2,4,5-Trichlorophenol	8.94	196	99004	33.18	ng	#	94
45) 1,1'-Biphenyl	9.07	154	413821	35.86	ng		97
46) 2-Chloronaphthalene	9.10	162	286867	30.95	ng		99
47) 2-Nitroaniline	9.19	65	112017	29.53	ng		98
48) Acenaphthylene	9.51	152	480917	29.00	ng		99
49) Dimethylphthalate	9.38	163	351078	32.54	ng		99
50) 2,6-Dinitrotoluene	9.44	165	81493	35.18	ng	#	87
51) Acenaphthene	9.68	154	309984	31.22	ng		99
52) 3-Nitroaniline	9.60	138	57061	19.69	ng		98
53) 2,4-Dinitrophenol	9.71	184	103036	79.71	ng	#	69
54) Dibenzofuran	9.85	168	438051	32.93	ng		99
55) 4-Nitrophenol	9.78	139	158531	77.87	ng	#	58
56) 2,4-Dinitrotoluene	9.84	165	104275	33.96	ng	#	77
57) Fluorene	10.18	166	302074	29.52	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	80842m	35.00	ng		
59) Diethylphthalate	10.08	149	397129	34.78	ng		97
60) 4-Chlorophenyl-phenylether	10.18	204	150672	34.79	ng		99
61) 4-Nitroaniline	10.22	138	92605	31.26	ng		93
62) Azobenzene	10.34	77	470167	35.73	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	57685	36.36	ng		88
65) n-Nitrosodiphenylamine	10.31	169	328178	34.60	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	89002	34.10	ng		95
67) Hexachlorobenzene	10.73	284	94535	35.76	ng		98
68) Atrazine	10.83	200	94589	35.80	ng		97
69) Pentachlorophenol	10.92	266	108438	68.38	ng		99
70) Phenanthrene	11.14	178	496889	31.56	ng		99
71) Anthracene	11.19	178	512216	33.43	ng		99
72) Carbazole	11.35	167	548176	37.16	ng		100
73) Di-n-butylphthalate	11.69	149	633834	35.51	ng		98
74) Fluoranthene	12.32	202	570588	33.58	ng		99
76) Benzidine	12.44	184	304173	33.54	ng		98
77) Pyrene	12.54	202	532506	27.28	ng		99
79) Butylbenzylphthalate	13.18	149	309148	36.85	ng	#	80
80) Benzo(a)anthracene	13.73	228	509716	31.65	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	109372	20.97	ng		98
82) Chrysene	13.76	228	439551	30.29	ng		98
83) Bis(2-ethylhexyl)phthalate	13.74	149	403015	37.50	ng	#	96
84) Di-n-octyl phthalate	14.34	149	718330	43.98	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	396126	38.88	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	502221m	35.56	ng		
88) Benzo(k)fluoranthene	14.74	252	339525m	25.80	ng		
89) Benzo(a)pyrene	15.03	252	432862	35.17	ng		98
90) Dibenzo(a,h)anthracene	16.32	278	331929	34.62	ng		98
91) Benzo(g,h,i)perylene	16.66	276	318645	32.75	ng	#	92

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

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