Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081086.D
Acq On : 19 Aug 2015 17:46
Operator : UM/IZ
Sample : PB85071BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85071BS

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:41:10 PM

Quant Time: Aug 20 01:10:30 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	6.58	152	65024	20.00	ng		-0.04
21) Naphthalene-d8	7.88	136	267906	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	116341	20.00	ng		-0.04
63) Phenanthrene-d10	11.09	188	246656	20.00	ng		-0.04
75) Chrysene-d12	13.71	240	226170	20.00	ng		-0.04
86) Perylene-d12	15.04	264	189148	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	57676	13.34	ng		-0.03
7) Phenol-d6	6.22	99	76979	13.65	ng		-0.04
23) Nitrobenzene-d5	7.14	82	45279	7.72	ng		-0.04
41) 2,4,6-Tribromophenol	10.40	330	14039	13.92	ng		-0.04
44) 2-Fluorobiphenyl	8.95	172	90559	10.20	ng		-0.04
78) Terphenyl-d14	12.67	244	83077	7.87	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	7216	3.54	ng		95
3) Pyridine	2.72	79	21400	3.72	ng		91
4) n-Nitrosodimethylamine	2.62	42	10513	3.28	ng	#	72
6) Aniline	6.24	93	23897	2.91	ng	#	68
8) 2-Chlorophenol	6.37	128	19949	4.22	ng		84
9) Benzaldehyde	6.13	77	8577	2.36	ng		82
10) Phenol	6.24	94	27550	4.14	ng		82
11) bis(2-Chloroethyl)ether	6.32	93	22164	4.34	ng		89
12) 1,3-Dichlorobenzene	6.53	146	21096	4.15	ng		97
13) 1,4-Dichlorobenzene	6.61	146	21777	4.33	ng		95
14) 1,2-Dichlorobenzene	6.76	146	22191	4.71	ng		94
15) Benzyl Alcohol	6.73	79	19023	4.17	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	43834	4.36	ng		99
17) 2-Methylphenol	6.86	107	17123	4.22	ng	#	90
18) Hexachloroethane	7.10	117	9043	4.45	ng		96
19) n-Nitroso-di-n-propylamine	7.01	70	17562	4.49	ng		88
20) 3+4-Methylphenols	7.01	107	22451	4.36	ng	#	72
22) Acetophenone	7.00	105	28981	4.12	ng	#	96
24) Nitrobenzene	7.17	77	24379	3.98	ng		97
25) Isophorone	7.42	82	40788	3.73	ng	#	91
26) 2-Nitrophenol	7.49	139	9116	3.57	ng		96
27) 2,4-Dimethylphenol	7.54	122	18966	4.20	ng		90
28) bis(2-Chloroethoxy)methane	7.64	93	26682	4.13	ng		99
29) 2,4-Dichlorophenol	7.74	162	15353	4.04	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	18146	4.30	ng		98
31) Naphthalene	7.90	128	60977	4.08	ng		98
32) Benzoic acid	7.61	122	9423	3.71	ng		88
33) 4-Chloroaniline	7.94	127	18506	2.94	ng		98
34) Hexachlorobutadiene	8.02	225	9419	3.95	ng		95
35) Caprolactam	8.28	113	5185	3.91	ng		92
36) 4-Chloro-3-methylphenol	8.44	107	19788	4.37	ng		89
37) 2-Methylnaphthalene	8.58	142	41425	4.39	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	15637	4.17	ng	#	97
40) Hexachlorocyclopentadiene	8.74	237	13568	6.98	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	10260	3.87	ng		91
43) 2,4,5-Trichlorophenol	8.90	196	11666	4.40	ng		98
45) 1,1'-Biphenyl	9.05	154	48838	4.77	ng		99
46) 2-Chloronaphthalene	9.06	162	35195	4.28	ng		93
47) 2-Nitroaniline	9.17	65	14644	4.35	ng	#	85
48) Acenaphthylene	9.48	152	66196	4.49	ng		99
49) Dimethylphthalate	9.35	163	45018	4.70	ng		100
50) 2,6-Dinitrotoluene	9.41	165	8565	4.16	ng	#	68
51) Acenaphthene	9.65	154	41166	4.67	ng		99
52) 3-Nitroaniline	9.57	138	8689	3.38	ng		86
53) 2,4-Dinitrophenol	9.68	184	6481	9.29	ng	#	76
54) Dibenzofuran	9.82	168	57280	4.85	ng		96
55) 4-Nitrophenol	9.74	139	15780	8.73	ng	#	77
56) 2,4-Dinitrotoluene	9.81	165	12861	4.72	ng	#	91
57) Fluorene	10.16	166	45505	5.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.94	232	9315	4.54	ng	#	94
59) Diethylphthalate	10.05	149	46028	4.54	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	20701	5.38	ng		91
61) 4-Nitroaniline	10.17	138	10715	4.07	ng		92
62) Azobenzene	10.32	77	52669	4.51	ng		85
64) 4,6-Dinitro-2-methylphenol	10.21	198	5237	3.56	ng		94
65) n-Nitrosodiphenylamine	10.28	169	38785	4.41	ng		95
66) 4-Bromophenyl-phenylether	10.64	248	9873	4.07	ng	#	61
67) Hexachlorobenzene	10.70	284	9873	4.02	ng	#	70
68) Atrazine	10.80	200	11179	4.56	ng		98
69) Pentachlorophenol	10.90	266	9762	6.63	ng		97
70) Phenanthrene	11.11	178	65379	4.47	ng		99
71) Anthracene	11.16	178	63768	4.48	ng		98
72) Carbazole	11.32	167	60349	4.41	ng		97
73) Di-n-butylphthalate	11.67	149	76840	4.64	ng		99
74) Fluoranthene	12.29	202	71717	4.55	ng		97
76) Benzidine	12.41	184	28051	3.28	ng		99
77) Pyrene	12.51	202	68703	3.74	ng		98
79) Butylbenzylphthalate	13.16	149	28693	3.63	ng		98
80) Benzo(a)anthracene	13.69	228	64975	4.28	ng		97
81) 3,3'-Dichlorobenzidine	13.67	252	16158	3.29	ng	#	89
82) Chrysene	13.73	228	58192	4.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	48057	4.75	ng	#	95
84) Di-n-octyl phthalate	14.32	149	76668	4.98	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.24	276	45774	4.77	ng	#	94
87) Benzo(b)fluoranthene	14.69	252	62209m	4.65	ng		
88) Benzo(k)fluoranthene	14.71	252	43226m	3.47	ng		
89) Benzo(a)pyrene	14.99	252	51697	4.43	ng	#	96
90) Dibenzo(a,h)anthracene	16.25	278	37036	4.08	ng	#	92
91) Benzo(g,h,i)perylene	16.60	276	35854	3.89	ng	#	88

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

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