Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081044.D
Acq On : 18 Aug 2015 15:53
Operator : UM/IZ
Sample : PB85041BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:17:46 PM

Quant Time: Aug 19 01:07:45 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	47758	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	210549	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	97260	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	204978	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	188496	20.00	ng		-0.01
86) Perylene-d12	15.07	264	167836	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	232656	73.27	ng		-0.01
7) Phenol-d6	6.25	99	324469	78.32	ng		-0.01
23) Nitrobenzene-d5	7.18	82	292432	63.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	59986	71.15	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	488335	65.79	ng		-0.02
78) Terphenyl-d14	12.70	244	582630	66.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	44157	29.51	ng		93
3) Pyridine	2.70	79	125593	29.74	ng		84
4) n-Nitrosodimethylamine	2.64	42	81881	34.82	ng	#	81
6) Aniline	6.26	93	153947	25.56	ng	#	33
8) 2-Chlorophenol	6.39	128	137532	39.57	ng		96
9) Benzaldehyde	6.15	77	79016	29.59	ng		89
10) Phenol	6.26	94	162638	33.24	ng	#	77
11) bis(2-Chloroethyl)ether	6.35	93	141999	37.82	ng		99
12) 1,3-Dichlorobenzene	6.55	146	133768	35.82	ng		96
13) 1,4-Dichlorobenzene	6.63	146	136529	36.92	ng		98
14) 1,2-Dichlorobenzene	6.78	146	131349	37.95	ng		96
15) Benzyl Alcohol	6.76	79	134100	40.01	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	6.90	45	276197	37.44	ng		99
17) 2-Methylphenol	6.88	107	107252	35.97	ng		96
18) Hexachloroethane	7.12	117	54089	36.20	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	113028	39.39	ng		90
20) 3+4-Methylphenols	7.04	107	150700	39.82	ng	#	46
22) Acetophenone	7.03	105	205213	37.12	ng	#	88
24) Nitrobenzene	7.20	77	177038	36.74	ng		94
25) Isophorone	7.44	82	282059	32.82	ng		99
26) 2-Nitrophenol	7.52	139	72567	36.21	ng	#	60
27) 2,4-Dimethylphenol	7.56	122	124410	35.09	ng		94
28) bis(2-Chloroethoxy)methane	7.66	93	164152	32.33	ng		99
29) 2,4-Dichlorophenol	7.76	162	115234	38.60	ng		92
30) 1,2,4-Trichlorobenzene	7.84	180	111582	33.63	ng		97
31) Naphthalene	7.92	128	409745	34.91	ng		99
32) Benzoic acid	7.69	122	93091	46.68	ng		95
33) 4-Chloroaniline	7.98	127	91346	18.45	ng	#	82
34) Hexachlorobutadiene	8.04	225	64369	34.31	ng		98
35) Caprolactam	8.34	113	39256m	37.63	ng		
36) 4-Chloro-3-methylphenol	8.47	107	140503	39.49	ng		90
37) 2-Methylnaphthalene	8.60	142	254531	34.33	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	116476	37.12	ng		99
40) Hexachlorocyclopentadiene	8.76	237	130231	80.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	88557	39.95	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	77326	34.90	ng	#	86
45) 1,1'-Biphenyl	9.07	154	343159	40.06	ng		98
46) 2-Chloronaphthalene	9.10	162	232893	33.84	ng		98
47) 2-Nitroaniline	9.19	65	93284	33.12	ng		100
48) Acenaphthylene	9.50	152	389424	31.63	ng		98
49) Dimethylphthalate	9.38	163	317550	39.64	ng		100
50) 2,6-Dinitrotoluene	9.44	165	70466	40.97	ng		99
51) Acenaphthene	9.67	154	250758	34.02	ng		99
52) 3-Nitroaniline	9.60	138	52896	24.58	ng		99
53) 2,4-Dinitrophenol	9.71	184	87982	89.20	ng	#	54
54) Dibenzofuran	9.85	168	361584	36.61	ng		98
55) 4-Nitrophenol	9.77	139	115448	76.38	ng		85
56) 2,4-Dinitrotoluene	9.84	165	95698	41.98	ng		91
57) Fluorene	10.18	166	261558	34.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	66083m	38.54	ng		
59) Diethylphthalate	10.08	149	348487	41.10	ng		96
60) 4-Chlorophenyl-phenylether	10.18	204	123189	38.32	ng		100
61) 4-Nitroaniline	10.22	138	87021	39.56	ng		83
62) Azobenzene	10.34	77	394758	40.41	ng		97
64) 4,6-Dinitro-2-methylphenol	10.24	198	46113	37.67	ng		98
65) n-Nitrosodiphenylamine	10.31	169	266829	36.47	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	73793	36.65	ng		99
67) Hexachlorobenzene	10.73	284	77931	38.21	ng		97
68) Atrazine	10.83	200	80574	39.52	ng		98
69) Pentachlorophenol	10.92	266	98211	80.27	ng		99
70) Phenanthrene	11.14	178	428831	35.30	ng		99
71) Anthracene	11.19	178	451994	38.24	ng		99
72) Carbazole	11.35	167	474944	41.73	ng		99
73) Di-n-butylphthalate	11.69	149	561605	40.78	ng		99
74) Fluoranthene	12.32	202	501682	38.27	ng		99
76) Benzidine	12.45	184	274842	38.60	ng		99
77) Pyrene	12.54	202	483355	31.54	ng		99
79) Butylbenzylphthalate	13.18	149	270238	41.03	ng	#	78
80) Benzo(a)anthracene	13.73	228	465623	36.83	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	94511	23.08	ng		99
82) Chrysene	13.76	228	421303	36.98	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	352914	41.83	ng	#	97
84) Di-n-octyl phthalate	14.34	149	636313	49.62	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	376143	47.03	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	456112m	38.42	ng		
88) Benzo(k)fluoranthene	14.74	252	317696m	28.72	ng		
89) Benzo(a)pyrene	15.03	252	393998	38.09	ng		98
90) Dibenzo(a,h)anthracene	16.32	278	310150	38.48	ng		97
91) Benzo(g,h,i)perylene	16.66	276	305029	37.30	ng	#	89

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

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