Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081084.D
Acq On : 19 Aug 2015 16:43
Operator : UM/IZ
Sample : PB85064BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85064BS

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:41:03 PM

Quant Time: Aug 20 01:05:58 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	60009	20.00	ng		-0.04
21) Naphthalene-d8	7.88	136	247382	20.00	ng		-0.03
38) Acenaphthene-d10	9.62	164	119748	20.00	ng		-0.03
63) Phenanthrene-d10	11.09	188	228819	20.00	ng		-0.04
75) Chrysene-d12	13.72	240	198453	20.00	ng		-0.03
86) Perylene-d12	15.05	264	182395	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	378683	94.92	ng		-0.02
7) Phenol-d6	6.24	99	565225	108.58	ng		-0.02
23) Nitrobenzene-d5	7.16	82	337121	62.25	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	105371	101.51	ng		-0.03
44) 2-Fluorobiphenyl	8.96	172	586982	64.23	ng		-0.03
78) Terphenyl-d14	12.68	244	540563	58.40	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	49916	26.55	ng		96
3) Pyridine	2.71	79	169906	32.02	ng	#	82
4) n-Nitrosodimethylamine	2.66	42	87708	29.69	ng	#	76
6) Aniline	6.25	93	118611	15.67	ng	#	1
8) 2-Chlorophenol	6.37	128	142112	32.54	ng		95
9) Benzaldehyde	6.13	77	54946	16.37	ng		95
10) Phenol	6.25	94	230804	37.54	ng		80
11) bis(2-Chloroethyl)ether	6.33	93	154804	32.82	ng		92
12) 1,3-Dichlorobenzene	6.53	146	151212	32.23	ng		97
13) 1,4-Dichlorobenzene	6.61	146	153625	33.06	ng		100
14) 1,2-Dichlorobenzene	6.76	146	133073	30.60	ng		98
15) Benzyl Alcohol	6.74	79	149288	35.45	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	293705	31.68	ng		100
17) 2-Methylphenol	6.86	107	121968	32.55	ng		96
18) Hexachloroethane	7.10	117	58711	31.27	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	118818	32.95	ng		91
20) 3+4-Methylphenols	7.02	107	154253	32.43	ng	#	52
22) Acetophenone	7.01	105	214644	33.05	ng	#	89
24) Nitrobenzene	7.18	77	189950	33.55	ng		99
25) Isophorone	7.42	82	305906	30.29	ng		99
26) 2-Nitrophenol	7.50	139	80070	34.00	ng	#	69
27) 2,4-Dimethylphenol	7.54	122	133046	31.94	ng		95
28) bis(2-Chloroethoxy)methane	7.65	93	189672	31.79	ng	#	98
29) 2,4-Dichlorophenol	7.74	162	116894	33.33	ng		90
30) 1,2,4-Trichlorobenzene	7.82	180	116713	29.94	ng		98
31) Naphthalene	7.90	128	446905	32.41	ng		99
32) Benzoic acid	7.68	122	100462	42.87	ng		89
33) 4-Chloroaniline	7.96	127	66850	11.49	ng	#	87
34) Hexachlorobutadiene	8.02	225	72326	32.81	ng		96
35) Caprolactam	8.33	113	46718m	38.11	ng		
36) 4-Chloro-3-methylphenol	8.45	107	144619	34.60	ng		100
37) 2-Methylnaphthalene	8.58	142	262616	30.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	116534	30.16	ng	#	97
40) Hexachlorocyclopentadiene	8.74	237	137206	68.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	86927	31.85	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	77986	28.59	ng		95
45) 1,1'-Biphenyl	9.05	154	339692	32.20	ng		98
46) 2-Chloronaphthalene	9.08	162	259137	30.58	ng		98
47) 2-Nitroaniline	9.17	65	104495	30.13	ng		99
48) Acenaphthylene	9.49	152	453644	29.93	ng		99
49) Dimethylphthalate	9.36	163	285020	28.90	ng		99
50) 2,6-Dinitrotoluene	9.42	165	64511	30.47	ng	#	80
51) Acenaphthene	9.66	154	264336	29.13	ng		99
52) 3-Nitroaniline	9.58	138	40554	15.31	ng		100
53) 2,4-Dinitrophenol	9.69	184	84584	73.04	ng	#	73
54) Dibenzofuran	9.83	168	385136	31.67	ng		98
55) 4-Nitrophenol	9.76	139	129731	69.71	ng	#	68
56) 2,4-Dinitrotoluene	9.82	165	85604	30.50	ng	#	75
57) Fluorene	10.16	166	270847	28.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	64241m	30.43	ng		
59) Diethylphthalate	10.06	149	309458	29.65	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	121075	30.59	ng		93
61) 4-Nitroaniline	10.20	138	80336	29.66	ng		90
62) Azobenzene	10.32	77	371765	30.91	ng		97
64) 4,6-Dinitro-2-methylphenol	10.22	198	46651	34.14	ng		93
65) n-Nitrosodiphenylamine	10.29	169	261370	32.00	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	78484	34.91	ng	#	92
67) Hexachlorobenzene	10.71	284	79079	34.74	ng		97
68) Atrazine	10.82	200	80640	35.43	ng		93
69) Pentachlorophenol	10.90	266	90740	66.43	ng		98
70) Phenanthrene	11.12	178	444248	32.76	ng		99
71) Anthracene	11.17	178	411964	31.22	ng		99
72) Carbazole	11.33	167	448151	35.27	ng		99
73) Di-n-butylphthalate	11.67	149	492447	32.03	ng		99
74) Fluoranthene	12.30	202	475781	32.51	ng		99
76) Benzidine	12.43	184	153542	20.48	ng		99
77) Pyrene	12.52	202	455449	28.23	ng		99
79) Butylbenzylphthalate	13.16	149	234809	33.86	ng	#	76
80) Benzo(a)anthracene	13.71	228	425742	31.99	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	91263	21.17	ng		99
82) Chrysene	13.74	228	398783	33.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	307720	34.64	ng	#	97
84) Di-n-octyl phthalate	14.33	149	541665	40.12	ng		98
85) Indeno(1,2,3-cd)pyrene	16.27	276	347505	41.27	ng	#	95
87) Benzo(b)fluoranthene	14.70	252	457061m	35.43	ng		
88) Benzo(k)fluoranthene	14.72	252	295803m	24.61	ng		
89) Benzo(a)pyrene	15.00	252	352715	31.38	ng	#	95
90) Dibenzo(a,h)anthracene	16.28	278	287123	32.78	ng	#	95
91) Benzo(g,h,i)perylene	16.62	276	283328	31.88	ng	#	89

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

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