Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081387.D
Acq On : 3 Sep 2015 20:47
Operator : UM/IZ
Sample : PB85343BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85343BS

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:51:12 PM

Quant Time: Sep 04 03:54:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	57787	20.00	ng		-0.01
21) Naphthalene-d8	7.66	136	219000	20.00	ng		-0.01
38) Acenaphthene-d10	9.40	164	109955	20.00	ng		0.00
63) Phenanthrene-d10	10.87	188	216522	20.00	ng		0.00
75) Chrysene-d12	13.47	240	171723	20.00	ng		0.00
86) Perylene-d12	14.78	264	110820	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	435169	116.84	ng		0.02
7) Phenol-d6	6.04	99	540826	109.70	ng		0.00
23) Nitrobenzene-d5	6.95	82	342376	75.43	ng		0.00
41) 2,4,6-Tribromophenol	10.19	330	128175	130.92	ng		0.00
44) 2-Fluorobiphenyl	8.74	172	564915	65.84	ng		-0.01
78) Terphenyl-d14	12.46	244	613870	83.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	51527	30.80	ng	#	89
3) Pyridine	2.32	79	123173	26.70	ng		95
4) n-Nitrosodimethylamine	2.27	42	89897	35.08	ng	#	76
6) Aniline	6.03	93	162902	23.40	ng	#	79
8) 2-Chlorophenol	6.16	128	151641	36.95	ng		91
9) Benzaldehyde	5.91	77	17766	5.75	ng	#	81
10) Phenol	6.06	94	209520	36.65	ng	#	53
11) bis(2-Chloroethyl)ether	6.12	93	159678	38.71	ng		92
12) 1,3-Dichlorobenzene	6.31	146	157099	35.83	ng	#	94
13) 1,4-Dichlorobenzene	6.39	146	158045	35.40	ng	#	91
14) 1,2-Dichlorobenzene	6.54	146	134836	33.54	ng	#	85
15) Benzyl Alcohol	6.54	79	137670	34.04	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	287433	36.35	ng	#	19
17) 2-Methylphenol	6.67	107	124285	37.95	ng	#	75
18) Hexachloroethane	6.88	117	61192	35.23	ng		89
19) n-Nitroso-di-n-propylamine	6.81	70	113255	33.75	ng	#	86
20) 3+4-Methylphenols	6.83	107	164468	37.25	ng		89
22) Acetophenone	6.80	105	221499	37.03	ng	#	78
24) Nitrobenzene	6.97	77	182088	38.63	ng	#	73
25) Isophorone	7.21	82	295486	35.00	ng	#	83
26) 2-Nitrophenol	7.29	139	76645	37.31	ng	#	73
27) 2,4-Dimethylphenol	7.35	122	126739	35.72	ng	#	78
28) bis(2-Chloroethoxy)methane	7.44	93	187195	38.38	ng	#	91
29) 2,4-Dichlorophenol	7.54	162	115436	37.51	ng		99
30) 1,2,4-Trichlorobenzene	7.61	180	129495	38.74	ng		99
31) Naphthalene	7.68	128	405830	34.75	ng		97
32) Benzoic acid	7.51	122	74505	30.39	ng	#	61
33) 4-Chloroaniline	7.75	127	103463	21.72	ng	#	85
34) Hexachlorobutadiene	7.80	225	71643	35.22	ng		98
35) Caprolactam	8.12	113	45202m	47.90	ng		
36) 4-Chloro-3-methylphenol	8.26	107	157084	45.61	ng	#	79
37) 2-Methylnaphthalene	8.38	142	287911	37.88	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	109386	31.46	ng		97
40) Hexachlorocyclopentadiene	8.52	237	118829	69.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	80422	33.51	ng		99
43) 2,4,5-Trichlorophenol	8.72	196	81957	33.47	ng	#	92
45) 1,1'-Biphenyl	8.84	154	346644	34.27	ng		96
46) 2-Chloronaphthalene	8.86	162	250808	34.33	ng	#	89
47) 2-Nitroaniline	8.97	65	110464	37.10	ng	#	78
48) Acenaphthylene	9.27	152	442453	34.14	ng		98
49) Dimethylphthalate	9.16	163	306174	35.84	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	56480	29.13	ng	#	6
51) Acenaphthene	9.44	154	267021	36.22	ng		91
52) 3-Nitroaniline	9.38	138	53318	24.15	ng	#	84
53) 2,4-Dinitrophenol	9.48	184	59672	73.07	ng	#	1
54) Dibenzofuran	9.61	168	402559	37.39	ng	#	89
55) 4-Nitrophenol	9.58	139	102887m	74.19	ng		
56) 2,4-Dinitrotoluene	9.61	165	81161	32.87	ng	#	15
57) Fluorene	9.94	166	282463	34.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.74	232	75800	40.55	ng		95
59) Diethylphthalate	9.85	149	306902	34.15	ng		94
60) 4-Chlorophenyl-phenylether	9.95	204	146036	38.35	ng		98
61) 4-Nitroaniline	9.99	138	68501	30.72	ng	#	23
62) Azobenzene	10.10	77	353347	35.37	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.02	198	47834	39.50	ng	#	77
65) n-Nitrosodiphenylamine	10.08	169	269146	34.16	ng		92
66) 4-Bromophenyl-phenylether	10.43	248	83499	38.14	ng		99
67) Hexachlorobenzene	10.49	284	83680	36.56	ng	#	79
68) Atrazine	10.62	200	90793	39.82	ng		81
69) Pentachlorophenol	10.68	266	85547	77.12	ng		99
70) Phenanthrene	10.89	178	417790	34.71	ng		97
71) Anthracene	10.95	178	436235	35.27	ng		99
72) Carbazole	11.11	167	429005	36.97	ng		97
73) Di-n-butylphthalate	11.46	149	525376	38.34	ng	#	98
74) Fluoranthene	12.07	202	498566	38.26	ng		85
76) Benzidine	12.21	184	235653	31.97	ng		98
77) Pyrene	12.29	202	488384	38.39	ng		97
79) Butylbenzylphthalate	12.94	149	215852	39.02	ng	#	81
80) Benzo(a)anthracene	13.46	228	389976	35.66	ng		98
81) 3,3'-Dichlorobenzidine	13.45	252	82266	22.30	ng	#	90
82) Chrysene	13.50	228	349964	35.70	ng		95
83) Bis(2-ethylhexyl)phthalate	13.51	149	277763	38.05	ng	#	93
84) Di-n-octyl phthalate	14.11	149	413836	34.43	ng		98
85) Indeno(1,2,3-cd)pyrene	15.86	276	229921	31.97	ng	#	87
87) Benzo(b)fluoranthene	14.46	252	337354m	42.64	ng		
88) Benzo(k)fluoranthene	14.48	252	244004m	37.17	ng		
89) Benzo(a)pyrene	14.73	252	248230	37.03	ng	#	88
90) Dibenzo(a,h)anthracene	15.87	278	191650	36.99	ng	#	79
91) Benzo(g,h,i)perylene	16.18	276	190122	38.45	ng	#	72

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

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