Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081526.D
Acq On : 8 Sep 2015 17:08
Operator : UM/IZ
Sample : PB85409BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85409BS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:58:07 PM

Quant Time: Sep 09 00:38:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	46918	20.00	ng		0.00
21) Naphthalene-d8	7.63	136	179475	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	87996	20.00	ng		0.00
63) Phenanthrene-d10	10.84	188	181371	20.00	ng		0.00
75) Chrysene-d12	13.45	240	151226	20.00	ng		0.00
86) Perylene-d12	14.75	264	91934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	370160	122.41	ng		0.02
7) Phenol-d6	6.02	99	456979	114.16	ng		0.00
23) Nitrobenzene-d5	6.92	82	291395	78.33	ng		0.00
41) 2,4,6-Tribromophenol	10.17	330	96667	123.38	ng		0.01
44) 2-Fluorobiphenyl	8.72	172	495987	72.23	ng		0.00
78) Terphenyl-d14	12.42	244	475944	73.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	37958	27.95	ng	#	82
3) Pyridine	2.27	79	116065	30.99	ng	#	87
4) n-Nitrosodimethylamine	2.24	42	82837	39.82	ng	#	71
6) Aniline	6.01	93	154098	27.26	ng	#	79
8) 2-Chlorophenol	6.14	128	129387	38.83	ng		94
9) Benzaldehyde	5.88	77	76126	30.35	ng	#	79
10) Phenol	6.03	94	182255	39.26	ng	#	48
11) bis(2-Chloroethyl)ether	6.10	93	133042	39.72	ng		88
12) 1,3-Dichlorobenzene	6.28	146	137152	38.52	ng	#	93
13) 1,4-Dichlorobenzene	6.36	146	140292	38.70	ng	#	90
14) 1,2-Dichlorobenzene	6.51	146	118635	36.35	ng	#	86
15) Benzyl Alcohol	6.51	79	122849	37.41	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	6.65	45	270079	42.07	ng	#	6
17) 2-Methylphenol	6.65	107	111170	41.81	ng	#	74
18) Hexachloroethane	6.86	117	55362	39.25	ng		90
19) n-Nitroso-di-n-propylamine	6.79	70	100333	36.83	ng	#	90
20) 3+4-Methylphenols	6.81	107	143492	40.03	ng		89
22) Acetophenone	6.78	105	191946	39.16	ng	#	75
24) Nitrobenzene	6.95	77	162741	42.13	ng	#	69
25) Isophorone	7.19	82	273322	39.50	ng	#	82
26) 2-Nitrophenol	7.27	139	69155	41.07	ng	#	52
27) 2,4-Dimethylphenol	7.32	122	110611	38.04	ng	#	74
28) bis(2-Chloroethoxy)methane	7.42	93	156364	39.12	ng	#	92
29) 2,4-Dichlorophenol	7.52	162	100854	39.99	ng		97
30) 1,2,4-Trichlorobenzene	7.59	180	111967	40.87	ng		98
31) Naphthalene	7.66	128	356331	37.23	ng		98
32) Benzoic acid	7.48	122	56990	28.54	ng	#	59
33) 4-Chloroaniline	7.72	127	79891	20.46	ng	#	82
34) Hexachlorobutadiene	7.78	225	66742	40.03	ng		99
35) Caprolactam	8.10	113	36106m	46.68	ng		
36) 4-Chloro-3-methylphenol	8.24	107	131633	46.63	ng	#	82
37) 2-Methylnaphthalene	8.35	142	260549	41.83	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	101002	36.29	ng		98
40) Hexachlorocyclopentadiene	8.50	237	102526	75.07	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	72818	37.91	ng		97
43) 2,4,5-Trichlorophenol	8.68	196	80213	40.94	ng	#	91
45) 1,1'-Biphenyl	8.82	154	294811	36.42	ng		95
46) 2-Chloronaphthalene	8.83	162	233160	39.88	ng	#	90
47) 2-Nitroaniline	8.95	65	98081	41.16	ng	#	76
48) Acenaphthylene	9.23	152	371538	35.82	ng		97
49) Dimethylphthalate	9.13	163	262957	38.46	ng	#	97
50) 2,6-Dinitrotoluene	9.19	165	52949	34.12	ng	#	13
51) Acenaphthene	9.40	154	214049	36.28	ng		88
52) 3-Nitroaniline	9.35	138	37371	21.15	ng	#	25
53) 2,4-Dinitrophenol	9.47	184	55667	85.17	ng	#	76
54) Dibenzofuran	9.59	168	334794	38.86	ng		93
55) 4-Nitrophenol	9.55	139	91620m	82.55	ng		
56) 2,4-Dinitrotoluene	9.59	165	72076	36.48	ng	#	21
57) Fluorene	9.92	166	257770	39.43	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.71	232	67828	45.34	ng		95
59) Diethylphthalate	9.83	149	286723	39.87	ng		95
60) 4-Chlorophenyl-phenylether	9.93	204	126740	41.59	ng		93
61) 4-Nitroaniline	9.96	138	65146	36.50	ng	#	28
62) Azobenzene	10.08	77	318670	39.86	ng		81
64) 4,6-Dinitro-2-methylphenol	10.00	198	39374	38.81	ng		86
65) n-Nitrosodiphenylamine	10.04	169	220550	33.42	ng		91
66) 4-Bromophenyl-phenylether	10.41	248	72510	39.54	ng	#	90
67) Hexachlorobenzene	10.46	284	72883	38.01	ng	#	63
68) Atrazine	10.58	200	70858	37.10	ng		83
69) Pentachlorophenol	10.66	266	67874	73.51	ng		99
70) Phenanthrene	10.87	178	397528	39.42	ng		97
71) Anthracene	10.91	178	363581	35.10	ng		97
72) Carbazole	11.08	167	393450	40.47	ng		97
73) Di-n-butylphthalate	11.44	149	492264	42.88	ng	#	98
74) Fluoranthene	12.03	202	400232	36.67	ng		91
76) Benzidine	12.18	184	198113	30.52	ng		97
77) Pyrene	12.26	202	463638	41.39	ng		99
79) Butylbenzylphthalate	12.91	149	192789	39.57	ng		95
80) Benzo(a)anthracene	13.44	228	346395	35.97	ng		97
81) 3,3'-Dichlorobenzidine	13.42	252	55276	17.02	ng	#	96
82) Chrysene	13.47	228	267210	30.95	ng		96
83) Bis(2-ethylhexyl)phthalate	13.47	149	227347	35.36	ng	#	87
84) Di-n-octyl phthalate	14.08	149	323916	30.60	ng	#	94
85) Indeno(1,2,3-cd)pyrene	15.83	276	222835	35.18	ng	#	85
87) Benzo(b)fluoranthene	14.43	252	300477m	45.78	ng		
88) Benzo(k)fluoranthene	14.46	252	200496m	36.81	ng		
89) Benzo(a)pyrene	14.71	252	218873	39.35	ng	#	87
90) Dibenzo(a,h)anthracene	15.84	278	188005	43.75	ng	#	77
91) Benzo(g,h,i)perylene	16.14	276	186420	45.45	ng	#	76

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

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