Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081275.D
Acq On : 29 Aug 2015 17:20
Operator : UM/IZ
Sample : PB85281BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85281BS

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:58:58 PM

Quant Time: Aug 31 01:35:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 01:11:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	58124	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	237346	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	109221	20.00	ng		0.00
63) Phenanthrene-d10	10.98	188	217373	20.00	ng		0.00
75) Chrysene-d12	13.60	240	185004	20.00	ng		0.00
86) Perylene-d12	14.92	264	146658	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	398097	103.02	ng		0.02
7) Phenol-d6	6.14	99	541689	107.43	ng		0.00
23) Nitrobenzene-d5	7.06	82	355935	68.51	ng		0.00
41) 2,4,6-Tribromophenol	10.31	330	94988	100.33	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	583397	69.99	ng		0.00
78) Terphenyl-d14	12.56	244	520508	60.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	53871	29.58	ng		93
3) Pyridine	2.51	79	154279	30.02	ng	#	80
4) n-Nitrosodimethylamine	2.48	42	91256	31.89	ng	#	74
6) Aniline	6.15	93	146602	20.00	ng	#	12
8) 2-Chlorophenol	6.26	128	144602	34.19	ng		99
9) Benzaldehyde	6.02	77	25814	7.94	ng		90
10) Phenol	6.16	94	179977	30.22	ng	#	62
11) bis(2-Chloroethyl)ether	6.23	93	142772	31.25	ng		88
12) 1,3-Dichlorobenzene	6.42	146	152688	33.60	ng		95
13) 1,4-Dichlorobenzene	6.50	146	152611	33.91	ng		98
14) 1,2-Dichlorobenzene	6.65	146	141164	33.51	ng		96
15) Benzyl Alcohol	6.64	79	129336	31.70	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	303895	33.85	ng		97
17) 2-Methylphenol	6.77	107	121011	33.34	ng		97
18) Hexachloroethane	6.99	117	62202	34.21	ng		95
19) n-Nitroso-di-n-propylamine	6.91	70	121350	34.74	ng		93
20) 3+4-Methylphenols	6.93	107	157226	34.13	ng	#	45
22) Acetophenone	6.90	105	225061	36.12	ng	#	88
24) Nitrobenzene	7.07	77	164170	30.22	ng		96
25) Isophorone	7.33	82	316878	32.70	ng		95
26) 2-Nitrophenol	7.39	139	79425	35.16	ng	#	79
27) 2,4-Dimethylphenol	7.45	122	138470	34.65	ng		94
28) bis(2-Chloroethoxy)methane	7.54	93	184968	32.31	ng		100
29) 2,4-Dichlorophenol	7.63	162	113335	33.68	ng	#	85
30) 1,2,4-Trichlorobenzene	7.71	180	120413	32.20	ng		97
31) Naphthalene	7.79	128	454125	34.32	ng		99
32) Benzoic acid	7.60	122	94353	41.97	ng		92
33) 4-Chloroaniline	7.85	127	59506	10.66	ng	#	91
34) Hexachlorobutadiene	7.92	225	74485	35.22	ng		97
35) Caprolactam	8.23	113	44931m	38.20	ng		
36) 4-Chloro-3-methylphenol	8.35	107	146153	36.44	ng		97
37) 2-Methylnaphthalene	8.48	142	263956	31.58	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	115339	32.73	ng	#	98
40) Hexachlorocyclopentadiene	8.64	237	125128	68.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	76177	30.60	ng		98
43) 2,4,5-Trichlorophenol	8.81	196	82616	33.20	ng	#	89
45) 1,1'-Biphenyl	8.95	154	318624	33.12	ng		97
46) 2-Chloronaphthalene	8.97	162	264518	34.23	ng		97
47) 2-Nitroaniline	9.07	65	117686	37.21	ng		89
48) Acenaphthylene	9.38	152	418550	30.27	ng		98
49) Dimethylphthalate	9.27	163	324837	36.11	ng		100
50) 2,6-Dinitrotoluene	9.33	165	70701	36.61	ng	#	78
51) Acenaphthene	9.55	154	246649	29.80	ng		99
52) 3-Nitroaniline	9.49	138	42714	17.67	ng	#	71
53) 2,4-Dinitrophenol	9.60	184	87116	80.61	ng	#	47
54) Dibenzofuran	9.73	168	364503	32.86	ng		98
55) 4-Nitrophenol	9.67	139	119306	70.29	ng	#	73
56) 2,4-Dinitrotoluene	9.73	165	91770	35.85	ng	#	90
57) Fluorene	10.06	166	255888	29.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	64305m	33.39	ng		
59) Diethylphthalate	9.97	149	332556	34.93	ng	#	94
60) 4-Chlorophenyl-phenylether	10.06	204	116275	32.20	ng		96
61) 4-Nitroaniline	10.09	138	74180	30.03	ng		92
62) Azobenzene	10.22	77	371966	33.90	ng		96
64) 4,6-Dinitro-2-methylphenol	10.13	198	49561	38.18	ng	#	80
65) n-Nitrosodiphenylamine	10.18	169	246033	31.71	ng		98
66) 4-Bromophenyl-phenylether	10.55	248	75019	35.13	ng		99
67) Hexachlorobenzene	10.61	284	79641	36.83	ng	#	85
68) Atrazine	10.72	200	85088	39.36	ng		99
69) Pentachlorophenol	10.80	266	86305	66.51	ng		100
70) Phenanthrene	11.01	178	370950	28.79	ng		99
71) Anthracene	11.06	178	448410	35.77	ng		98
72) Carbazole	11.22	167	448592	37.17	ng		99
73) Di-n-butylphthalate	11.57	149	482581	33.04	ng		98
74) Fluoranthene	12.18	202	487415	35.06	ng		95
76) Benzidine	12.32	184	194607	27.85	ng		99
77) Pyrene	12.40	202	447820	29.78	ng		99
79) Butylbenzylphthalate	13.05	149	242624	37.53	ng		90
80) Benzo(a)anthracene	13.59	228	406007	32.72	ng		100
81) 3,3'-Dichlorobenzidine	13.57	252	58875	14.65	ng	#	94
82) Chrysene	13.62	228	351238	31.41	ng		100
83) Bis(2-ethylhexyl)phthalate	13.61	149	300600	36.30	ng	#	98
84) Di-n-octyl phthalate	14.22	149	527074	41.88	ng		98
85) Indeno(1,2,3-cd)pyrene	16.06	276	297334	37.88	ng	#	94
87) Benzo(b)fluoranthene	14.58	252	434804m	41.91	ng		
88) Benzo(k)fluoranthene	14.61	252	264645m	27.38	ng		
89) Benzo(a)pyrene	14.87	252	325529	36.01	ng	#	97
90) Dibenzo(a,h)anthracene	16.08	278	247734	35.17	ng	#	97
91) Benzo(g,h,i)perylene	16.40	276	238049	33.31	ng	#	89

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

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