Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083914.D
Acq On : 18 Dec 2015 15:49
Operator : UM/SJ
Sample : PB87340BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87340BSD

Manual Integrations APPROVED
apatel
12/22/2015 11:50:50 AM

Quant Time: Dec 19 04:28:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	55103	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	214476	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	103791	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	198399	20.00	ng		0.00
75) Chrysene-d12	14.03	240	164995	20.00	ng		0.00
86) Perylene-d12	15.47	264	119956	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	379945	107.91	ng		0.01
7) Phenol-d6	6.52	99	498983	115.78	ng		0.01
23) Nitrobenzene-d5	7.44	82	306942	81.68	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	155496	135.99	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	590566	79.01	ng		-0.01
78) Terphenyl-d14	12.98	244	673339	96.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	41140	26.93	ng		97
3) Pyridine	3.28	79	123843	32.79	ng		99
4) n-Nitrosodimethylamine	3.22	42	57312	39.78	ng		97
6) Aniline	6.53	93	135532	24.42	ng	#	38
8) 2-Chlorophenol	6.66	128	165613	39.52	ng		93
9) Benzaldehyde	6.41	77	49077	18.90	ng		97
10) Phenol	6.53	94	186997	38.88	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	130267	35.66	ng		95
12) 1,3-Dichlorobenzene	6.81	146	165451m	36.71	ng		
13) 1,4-Dichlorobenzene	6.89	146	169434m	36.83	ng		
14) 1,2-Dichlorobenzene	7.04	146	149598	39.93	ng		97
15) Benzyl Alcohol	7.01	79	131275	40.25	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	132242	35.10	ng		97
17) 2-Methylphenol	7.14	107	126228	38.40	ng		95
18) Hexachloroethane	7.38	117	61958	36.70	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	104037	41.41	ng	#	91
20) 3+4-Methylphenols	7.29	107	159547	41.30	ng	#	61
22) Acetophenone	7.28	105	209541	40.58	ng		96
24) Nitrobenzene	7.45	77	143323	36.88	ng		96
25) Isophorone	7.69	82	281020	39.74	ng		98
26) 2-Nitrophenol	7.77	139	80817	40.17	ng	#	86
27) 2,4-Dimethylphenol	7.81	122	145984	42.13	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	179103	42.82	ng		98
29) 2,4-Dichlorophenol	8.02	162	138077	43.92	ng		95
30) 1,2,4-Trichlorobenzene	8.10	180	133692	39.59	ng		95
31) Naphthalene	8.18	128	457340	42.19	ng		99
32) Benzoic acid	7.95	122	75415	55.63	ng		96
33) 4-Chloroaniline	8.22	127	85013	17.46	ng	#	92
34) Hexachlorobutadiene	8.29	225	73209	34.72	ng		99
35) Caprolactam	8.59	113	43066m	41.46	ng		
36) 4-Chloro-3-methylphenol	8.72	107	147903	41.55	ng		93
37) 2-Methylnaphthalene	8.86	142	302930	40.64	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	133579	40.82	ng		97
40) Hexachlorocyclopentadiene	9.02	237	73288	68.14	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	91499	42.35	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	96396	45.08	ng	#	92
45) 1,1'-Biphenyl	9.33	154	400659	46.04	ng		98
46) 2-Chloronaphthalene	9.36	162	292917	42.87	ng		96
47) 2-Nitroaniline	9.45	65	75743	36.90	ng		91
48) Acenaphthylene	9.77	152	450241	37.21	ng		99
49) Dimethylphthalate	9.63	163	344570	39.56	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	81337	42.81	ng		90
51) Acenaphthene	9.94	154	311928	41.93	ng		100
52) 3-Nitroaniline	9.86	138	44880	22.41	ng		93
53) 2,4-Dinitrophenol	9.97	184	67243	96.19	ng	#	83
54) Dibenzofuran	10.11	168	401584	41.56	ng	#	89
55) 4-Nitrophenol	10.04	139	107456	85.95	ng		85
56) 2,4-Dinitrotoluene	10.10	165	99560	40.88	ng		95
57) Fluorene	10.45	166	313413	42.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	75733	47.87	ng		99
59) Diethylphthalate	10.34	149	377413	41.92	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	146400	39.53	ng	#	87
61) 4-Nitroaniline	10.48	138	72673	35.07	ng		98
62) Azobenzene	10.61	77	342920	45.44	ng		92
64) 4,6-Dinitro-2-methylphenol	10.51	198	49216	40.99	ng		78
65) n-Nitrosodiphenylamine	10.57	169	289946	40.16	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	89055	36.72	ng	#	67
67) Hexachlorobenzene	11.01	284	107944	42.26	ng		93
68) Atrazine	11.09	200	89470	39.12	ng		99
69) Pentachlorophenol	11.21	266	98805	90.51	ng		99
70) Phenanthrene	11.41	178	464685	38.77	ng		100
71) Anthracene	11.47	178	498517	43.02	ng		99
72) Carbazole	11.62	167	434662	37.97	ng		99
73) Di-n-butylphthalate	11.95	149	562836	41.84	ng	#	97
74) Fluoranthene	12.60	202	472589	39.51	ng		100
76) Benzidine	12.72	184	157549	23.85	ng		99
77) Pyrene	12.83	202	484227	45.91	ng		100
79) Butylbenzylphthalate	13.45	149	247198	45.01	ng		99
80) Benzo(a)anthracene	14.02	228	419558	41.36	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	93516	24.66	ng		98
82) Chrysene	14.07	228	381410	38.92	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	336450	45.88	ng		99
84) Di-n-octyl phthalate	14.63	149	567911	49.49	ng		100
85) Indeno(1,2,3-cd)pyrene	16.91	276	305403	41.68	ng		99
87) Benzo(b)fluoranthene	15.06	252	370676m	42.38	ng		
88) Benzo(k)fluoranthene	15.08	252	318860m	44.20	ng		
89) Benzo(a)pyrene	15.41	252	311891	43.19	ng	#	98
90) Dibenzo(a,h)anthracene	16.91	278	255058	45.40	ng		97
91) Benzo(g,h,i)perylene	17.33	276	251729	45.72	ng		100

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

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