Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083354.D
Acq On : 1 Dec 2015 1:12
Operator : UM/IZ
Sample : PB86847BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86847BS

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:01 PM

Quant Time: Dec 01 02:36:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	170748	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	641965	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	332953	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	649411	20.00	ng		0.00
75) Chrysene-d12	14.76	240	617899	20.00	ng		0.00
86) Perylene-d12	16.82	264	460563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	839404	73.77	ng		0.01
7) Phenol-d6	6.21	99	1123090	72.11	ng		-0.01
23) Nitrobenzene-d5	7.13	82	1078133	73.83	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	244244	73.08	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1696348	72.60	ng		0.00
78) Terphenyl-d14	13.22	244	1772014	68.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	151083	24.52	ng	#	81
3) Pyridine	2.65	79	475197	30.83	ng		94
4) n-Nitrosodimethylamine	2.60	42	241227	31.80	ng		99
6) Aniline	6.21	93	382189	17.94	ng		94
8) 2-Chlorophenol	6.34	128	455250	36.27	ng		98
9) Benzaldehyde	6.09	77	96753	10.36	ng		95
10) Phenol	6.24	94	590734	31.52	ng		98
11) bis(2-Chloroethyl)ether	6.29	93	481558	35.33	ng		96
12) 1,3-Dichlorobenzene	6.49	146	479018	34.33	ng		98
13) 1,4-Dichlorobenzene	6.57	146	498098	34.54	ng		98
14) 1,2-Dichlorobenzene	6.72	146	432841m	32.72	ng		
15) Benzyl Alcohol	6.72	79	445307	36.99	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	846924	35.41	ng	#	43
17) 2-Methylphenol	6.84	107	379923	36.31	ng		95
18) Hexachloroethane	7.06	117	169353	33.81	ng		96
19) n-Nitroso-di-n-propylamine	6.98	70	360590	32.39	ng		89
20) 3+4-Methylphenols	7.00	107	521231	36.78	ng		99
22) Acetophenone	6.97	105	643912	33.52	ng	#	93
24) Nitrobenzene	7.14	77	513718	32.94	ng	#	88
25) Isophorone	7.39	82	967997	34.22	ng		97
26) 2-Nitrophenol	7.46	139	215605	33.87	ng		96
27) 2,4-Dimethylphenol	7.53	122	392724	36.80	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	611797	37.98	ng		99
29) 2,4-Dichlorophenol	7.71	162	376096	36.64	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	379461	33.97	ng		94
31) Naphthalene	7.86	128	1256549	36.07	ng		99
32) Benzoic acid	7.68	122	260124	35.34	ng		96
33) 4-Chloroaniline	7.93	127	203746	13.57	ng		99
34) Hexachlorobutadiene	7.98	225	220473	34.76	ng		99
35) Caprolactam	8.29	113	127697m	39.38	ng		
36) 4-Chloro-3-methylphenol	8.43	107	436027	37.88	ng		93
37) 2-Methylnaphthalene	8.54	142	797635	34.26	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	354638	33.60	ng		97
40) Hexachlorocyclopentadiene	8.70	237	360310	71.87	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	262398	35.44	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	284924	37.14	ng		95
45) 1,1'-Biphenyl	9.01	154	960917	32.91	ng		95
46) 2-Chloronaphthalene	9.04	162	801276	36.01	ng		99
47) 2-Nitroaniline	9.15	65	308940	35.06	ng		94
48) Acenaphthylene	9.45	152	1229617	34.65	ng		99
49) Dimethylphthalate	9.33	163	927180	34.27	ng		99
50) 2,6-Dinitrotoluene	9.39	165	219797	38.04	ng		94
51) Acenaphthene	9.62	154	740944	35.49	ng		99
52) 3-Nitroaniline	9.56	138	120863	17.84	ng		83
53) 2,4-Dinitrophenol	9.66	184	234010	67.10	ng		90
54) Dibenzofuran	9.79	168	1071504	35.03	ng		99
55) 4-Nitrophenol	9.76	139	341191	80.54	ng	#	70
56) 2,4-Dinitrotoluene	9.79	165	264725	36.10	ng		98
57) Fluorene	10.13	166	871095	36.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	226933	36.67	ng		95
59) Diethylphthalate	10.03	149	912882	35.40	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	425792	38.36	ng		99
61) 4-Nitroaniline	10.18	138	225817	33.32	ng		92
62) Azobenzene	10.29	77	1193753	38.31	ng		98
64) 4,6-Dinitro-2-methylphenol	10.20	198	172822	39.63	ng		86
65) n-Nitrosodiphenylamine	10.26	169	819265	35.90	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	255330	35.94	ng		98
67) Hexachlorobenzene	10.70	284	275460	35.07	ng		98
68) Atrazine	10.82	200	244275	38.70	ng		97
69) Pentachlorophenol	10.92	266	314030	76.32	ng		97
70) Phenanthrene	11.16	178	1389959	36.17	ng		99
71) Anthracene	11.22	178	1439970	37.22	ng		99
72) Carbazole	11.41	167	1288045	37.05	ng		99
73) Di-n-butylphthalate	11.86	149	1516095	36.80	ng		100
74) Fluoranthene	12.66	202	1444056	36.25	ng		99
76) Benzidine	12.87	184	382605	20.79	ng		97
77) Pyrene	12.97	202	1496792	34.69	ng		97
79) Butylbenzylphthalate	13.96	149	649467	35.48	ng		97
80) Benzo(a)anthracene	14.74	228	1382416	36.52	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	288270	24.38	ng		98
82) Chrysene	14.80	228	1218340	33.31	ng		100
83) Bis(2-ethylhexyl)phthalate	14.88	149	898683	36.60	ng		100
84) Di-n-octyl phthalate	15.85	149	1425116	38.97	ng		100
85) Indeno(1,2,3-cd)pyrene	18.19	276	888286	33.35	ng		99
87) Benzo(b)fluoranthene	16.31	252	1124309	38.05	ng		99
88) Benzo(k)fluoranthene	16.35	252	989853	35.47	ng		98
89) Benzo(a)pyrene	16.75	252	970725	38.24	ng		99
90) Dibenzo(a,h)anthracene	18.23	278	767666	34.71	ng		97
91) Benzo(g,h,i)perylene	18.57	276	734849	33.85	ng		96

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

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