Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083356.D
Acq On : 1 Dec 2015 2:13
Operator : UM/IZ
Sample : PB86889BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86889BS

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:46 PM

Quant Time: Dec 01 02:43:45 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	150321	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	587004	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	313253	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	608754	20.00	ng		0.00
75) Chrysene-d12	14.76	240	560871	20.00	ng		0.00
86) Perylene-d12	16.82	264	424387	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1167235	116.52	ng		0.01
7) Phenol-d6	6.22	99	1606244	117.14	ng		0.00
23) Nitrobenzene-d5	7.13	82	1037237	77.68	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	364994	116.07	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1652924	75.19	ng		0.00
78) Terphenyl-d14	13.22	244	1752525	74.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	174099	32.09	ng		94
3) Pyridine	2.62	79	446257	32.89	ng		97
4) n-Nitrosodimethylamine	2.58	42	283020	42.38	ng		97
6) Aniline	6.21	93	499886	26.65	ng		94
8) 2-Chlorophenol	6.34	128	477169	43.18	ng		96
9) Benzaldehyde	6.09	77	249321	37.20	ng		97
10) Phenol	6.24	94	739133	44.80	ng		99
11) bis(2-Chloroethyl)ether	6.29	93	510666	42.55	ng		99
12) 1,3-Dichlorobenzene	6.49	146	501699	40.84	ng		98
13) 1,4-Dichlorobenzene	6.57	146	530974	41.82	ng		99
14) 1,2-Dichlorobenzene	6.72	146	464933m	39.92	ng		
15) Benzyl Alcohol	6.72	79	473104	44.64	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	900722	42.77	ng	#	39
17) 2-Methylphenol	6.84	107	408782	44.38	ng		99
18) Hexachloroethane	7.06	117	181791	41.23	ng		97
19) n-Nitroso-di-n-propylamine	6.98	70	391595	39.95	ng		88
20) 3+4-Methylphenols	7.00	107	545145	43.70	ng		99
22) Acetophenone	6.97	105	689184	39.24	ng	#	91
24) Nitrobenzene	7.14	77	540937	37.93	ng	#	85
25) Isophorone	7.39	82	1047705	40.50	ng		98
26) 2-Nitrophenol	7.46	139	234372	40.26	ng		96
27) 2,4-Dimethylphenol	7.53	122	425402	43.60	ng		100
28) bis(2-Chloroethoxy)methane	7.61	93	622296	42.25	ng		99
29) 2,4-Dichlorophenol	7.71	162	396401	42.24	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	404232	39.57	ng		96
31) Naphthalene	7.86	128	1329564	41.74	ng		99
32) Benzoic acid	7.68	122	266581	39.61	ng		99
33) 4-Chloroaniline	7.93	127	230944	16.82	ng		97
34) Hexachlorobutadiene	7.98	225	234272	40.39	ng		98
35) Caprolactam	8.30	113	141733m	47.80	ng		
36) 4-Chloro-3-methylphenol	8.43	107	478095	45.42	ng		90
37) 2-Methylnaphthalene	8.56	142	878366	41.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	375358	37.80	ng		98
40) Hexachlorocyclopentadiene	8.70	237	395296	83.80	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	288424	41.41	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	312521	43.30	ng		99
45) 1,1'-Biphenyl	9.01	154	1029407	37.47	ng		95
46) 2-Chloronaphthalene	9.04	162	849265	40.57	ng		99
47) 2-Nitroaniline	9.15	65	335369	40.45	ng		94
48) Acenaphthylene	9.45	152	1317119	39.45	ng		99
49) Dimethylphthalate	9.33	163	973257	38.23	ng		100
50) 2,6-Dinitrotoluene	9.39	165	233064	42.87	ng		96
51) Acenaphthene	9.62	154	792777	40.36	ng		100
52) 3-Nitroaniline	9.56	138	136338	21.40	ng		83
53) 2,4-Dinitrophenol	9.66	184	250310	74.37	ng		88
54) Dibenzofuran	9.79	168	1157832	40.23	ng		99
55) 4-Nitrophenol	9.76	139	359349	90.16	ng	#	81
56) 2,4-Dinitrotoluene	9.79	165	287124	41.62	ng		93
57) Fluorene	10.13	166	922884	40.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	254906	43.78	ng		98
59) Diethylphthalate	10.03	149	989508	40.78	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	451218	43.21	ng		99
61) 4-Nitroaniline	10.18	138	257526	40.39	ng		98
62) Azobenzene	10.29	77	1296073	44.21	ng		99
64) 4,6-Dinitro-2-methylphenol	10.20	198	184619	45.17	ng		94
65) n-Nitrosodiphenylamine	10.26	169	899746	42.06	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	282477	42.42	ng		97
67) Hexachlorobenzene	10.70	284	315801	42.89	ng		96
68) Atrazine	10.83	200	301125	50.90	ng		96
69) Pentachlorophenol	10.92	266	342997	88.93	ng		98
70) Phenanthrene	11.16	178	1521565	42.24	ng		100
71) Anthracene	11.22	178	1546629	42.64	ng		100
72) Carbazole	11.41	167	1394703	42.80	ng		99
73) Di-n-butylphthalate	11.86	149	1674373	43.36	ng		100
74) Fluoranthene	12.66	202	1605658	43.00	ng		98
76) Benzidine	12.86	184	544143	32.57	ng		98
77) Pyrene	12.97	202	1656759	42.30	ng		97
79) Butylbenzylphthalate	13.96	149	726086	43.70	ng		98
80) Benzo(a)anthracene	14.74	228	1470966	42.81	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	300175	27.97	ng		99
82) Chrysene	14.80	228	1302643	39.24	ng		100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1000987	44.91	ng		100
84) Di-n-octyl phthalate	15.85	149	1556387	46.89	ng		100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1112440	46.01	ng		100
87) Benzo(b)fluoranthene	16.31	252	1177892	43.26	ng		99
88) Benzo(k)fluoranthene	16.35	252	1043887	40.60	ng		98
89) Benzo(a)pyrene	16.75	252	1041701	44.54	ng		100
90) Dibenzo(a,h)anthracene	18.23	278	931173	45.69	ng		100
91) Benzo(g,h,i)perylene	18.58	276	938836	46.94	ng		99

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

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