Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084099.D
Acq On : 25 Dec 2015 00:46
Operator : UM/SJ
Sample : PB87558BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87558BSD

Manual Integrations APPROVED
Sohil
12/28/2015 1:10:08 PM

Quant Time: Dec 25 05:59:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49626	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	198843	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	95131	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	172017	20.00	ng		0.00
75) Chrysene-d12	13.96	240	133766	20.00	ng		0.00
86) Perylene-d12	15.38	264	102092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	307990	105.22	ng		0.01
7) Phenol-d6	6.45	99	349402	96.47	ng		0.00
23) Nitrobenzene-d5	7.37	82	229991	67.70	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	95943	94.57	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	471599	67.83	ng		0.00
78) Terphenyl-d14	12.90	244	428617	57.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	31508	26.26	ng	#	94
3) Pyridine	3.15	79	78786	26.89	ng		96
4) n-Nitrosodimethylamine	3.08	42	38408	29.75	ng		98
6) Aniline	6.46	93	67234	14.68	ng	#	1
8) 2-Chlorophenol	6.59	128	118147	32.50	ng		93
9) Benzaldehyde	6.35	77	32729	16.90	ng		89
10) Phenol	6.46	94	126896	30.63	ng		87
11) bis(2-Chloroethyl)ether	6.53	93	93831	31.41	ng		95
12) 1,3-Dichlorobenzene	6.74	146	119862	30.20	ng		98
13) 1,4-Dichlorobenzene	6.82	146	119252m	29.86	ng		
14) 1,2-Dichlorobenzene	6.97	146	116497	31.66	ng		98
15) Benzyl Alcohol	6.94	79	90744	33.08	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.08	45	88192	30.22	ng		65
17) 2-Methylphenol	7.07	107	89822	32.18	ng	#	93
18) Hexachloroethane	7.31	117	45344	31.11	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	72649	32.56	ng		94
20) 3+4-Methylphenols	7.23	107	114802	32.24	ng	#	47
22) Acetophenone	7.21	105	147007	29.59	ng	#	94
24) Nitrobenzene	7.38	77	102602	28.45	ng		95
25) Isophorone	7.62	82	188168	29.95	ng		97
26) 2-Nitrophenol	7.70	139	56379	30.54	ng	#	78
27) 2,4-Dimethylphenol	7.76	122	99276	32.40	ng		93
28) bis(2-Chloroethoxy)methane	7.84	93	118918	32.46	ng		98
29) 2,4-Dichlorophenol	7.95	162	93940	33.01	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	96097	30.82	ng		97
31) Naphthalene	8.11	128	317900	30.05	ng		98
32) Benzoic acid	7.88	122	45383	30.89	ng		96
33) 4-Chloroaniline	8.16	127	37380	8.88	ng		99
34) Hexachlorobutadiene	8.22	225	54428	30.60	ng		99
35) Caprolactam	8.52	113	27276m	34.56	ng		
36) 4-Chloro-3-methylphenol	8.66	107	109106	34.10	ng		98
37) 2-Methylnaphthalene	8.80	142	221855	33.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	96478	32.17	ng		98
40) Hexachlorocyclopentadiene	8.96	237	48525	61.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	58148	29.74	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	61777	31.56	ng	#	82
45) 1,1'-Biphenyl	9.26	154	263455	30.65	ng		96
46) 2-Chloronaphthalene	9.29	162	208061	31.84	ng		94
47) 2-Nitroaniline	9.39	65	57104	32.89	ng	#	51
48) Acenaphthylene	9.70	152	326371	30.42	ng		99
49) Dimethylphthalate	9.56	163	227879	28.92	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	53545	32.02	ng		99
51) Acenaphthene	9.87	154	198378	31.79	ng		99
52) 3-Nitroaniline	9.80	138	25503	14.21	ng	#	66
53) 2,4-Dinitrophenol	9.92	184	33219	58.30	ng		96
54) Dibenzofuran	10.04	168	288099	33.57	ng		92
55) 4-Nitrophenol	9.98	139	62998	68.77	ng		87
56) 2,4-Dinitrotoluene	10.03	165	68072	30.83	ng	#	85
57) Fluorene	10.38	166	234803	32.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	50851	36.45	ng		97
59) Diethylphthalate	10.26	149	230488	28.80	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	98384	29.24	ng	#	83
61) 4-Nitroaniline	10.41	138	53045	31.98	ng		96
62) Azobenzene	10.53	77	224138	33.99	ng		91
64) 4,6-Dinitro-2-methylphenol	10.45	198	29973	31.39	ng		82
65) n-Nitrosodiphenylamine	10.50	169	216961	35.38	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	64323	32.28	ng	#	83
67) Hexachlorobenzene	10.93	284	67915	31.13	ng	#	78
68) Atrazine	11.02	200	59021	31.96	ng		100
69) Pentachlorophenol	11.14	266	45816	65.41	ng		98
70) Phenanthrene	11.34	178	338383	33.18	ng		99
71) Anthracene	11.40	178	328482	30.81	ng		98
72) Carbazole	11.55	167	303365	33.44	ng		99
73) Di-n-butylphthalate	11.88	149	382502	32.73	ng	#	98
74) Fluoranthene	12.53	202	359672	31.14	ng		95
76) Benzidine	12.65	184	107828	23.72	ng		99
77) Pyrene	12.76	202	364679	31.60	ng		99
79) Butylbenzylphthalate	13.38	149	155448	32.54	ng	#	74
80) Benzo(a)anthracene	13.95	228	274504	33.36	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	47528	19.07	ng	#	98
82) Chrysene	13.99	228	258256	34.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	207734	33.65	ng	#	96
84) Di-n-octyl phthalate	14.55	149	313283	36.07	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	232508	30.60	ng		99
87) Benzo(b)fluoranthene	14.97	252	266834m	35.19	ng		
88) Benzo(k)fluoranthene	15.00	252	172619m	33.60	ng		
89) Benzo(a)pyrene	15.32	252	207048	33.15	ng		99
90) Dibenzo(a,h)anthracene	16.76	278	193906	31.81	ng		100
91) Benzo(g,h,i)perylene	17.19	276	195123	31.36	ng		97

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

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