Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081981.D
Acq On : 2 Oct 2015 14:51
Operator : UM/IZ
Sample : PB85875BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85875BS

Manual Integrations APPROVED
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10/5/2015 6:16:53 PM

Quant Time: Oct 03 03:36:03 2015
Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84472	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	324515	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	156635	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	324292	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	316764	20.00	ng		-0.03
86) Perylene-d12	15.53	264	271410	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	470757	101.17	ng		-0.04
7) Phenol-d6	6.51	99	621990	106.23	ng		-0.05
23) Nitrobenzene-d5	7.45	82	372382	76.49	ng		-0.05
41) 2,4,6-Tribromophenol	10.73	330	195226	123.07	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	842342	91.30	ng		-0.05
78) Terphenyl-d14	13.02	244	909012	96.13	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	54808	27.08	ng		94
3) Pyridine	3.23	79	160231	30.41	ng	#	84
4) n-Nitrosodimethylamine	3.19	42	74026	30.93	ng		93
6) Aniline	6.55	93	227479	28.92	ng	#	88
8) 2-Chlorophenol	6.67	128	189619	36.90	ng		96
9) Benzaldehyde	6.43	77	35691	9.31	ng	#	79
10) Phenol	6.53	94	246354	37.51	ng		69
11) bis(2-Chloroethyl)ether	6.63	93	197787	38.83	ng		89
12) 1,3-Dichlorobenzene	6.82	146	209123m	34.45	ng		
13) 1,4-Dichlorobenzene	6.90	146	231355m	36.50	ng		
14) 1,2-Dichlorobenzene	7.06	146	212054	37.55	ng		98
15) Benzyl Alcohol	7.03	79	140608	33.27	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	262095	36.40	ng		81
17) 2-Methylphenol	7.14	107	152462	36.60	ng	#	87
18) Hexachloroethane	7.39	117	71323	35.95	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	134489	37.79	ng	#	76
20) 3+4-Methylphenols	7.29	107	186438	35.43	ng	#	73
22) Acetophenone	7.30	105	263389	39.70	ng	#	84
24) Nitrobenzene	7.47	77	198345	37.52	ng	#	73
25) Isophorone	7.71	82	358998	37.21	ng	#	95
26) 2-Nitrophenol	7.79	139	103432	40.76	ng	#	82
27) 2,4-Dimethylphenol	7.83	122	173711	38.91	ng	#	84
28) bis(2-Chloroethoxy)methane	7.93	93	213169	37.20	ng	#	95
29) 2,4-Dichlorophenol	8.03	162	171894	39.71	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	185102	38.31	ng		98
31) Naphthalene	8.19	128	541184m	37.64	ng		
32) Benzoic acid	7.92	122	69499	29.39	ng	#	72
33) 4-Chloroaniline	8.25	127	160358	25.79	ng	#	95
34) Hexachlorobutadiene	8.31	225	105898	37.06	ng		99
35) Caprolactam	8.62	113	50318	41.99	ng		99
36) 4-Chloro-3-methylphenol	8.73	107	169110	39.96	ng		94
37) 2-Methylnaphthalene	8.89	142	379750	38.69	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	184013	38.27	ng		98
40) Hexachlorocyclopentadiene	9.04	237	213861	86.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	117508	35.64	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	151361	44.65	ng		97
45) 1,1'-Biphenyl	9.36	154	483851	40.04	ng		94
46) 2-Chloronaphthalene	9.38	162	385336	40.61	ng		97
47) 2-Nitroaniline	9.49	65	107883	38.73	ng		90
48) Acenaphthylene	9.79	152	574067	37.80	ng		97
49) Dimethylphthalate	9.66	163	424188	39.23	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	101018	43.04	ng	#	84
51) Acenaphthene	9.97	154	378350	41.95	ng		90
52) 3-Nitroaniline	9.90	138	82962	30.55	ng	#	77
53) 2,4-Dinitrophenol	10.00	184	74538	70.84	ng	#	61
54) Dibenzofuran	10.15	168	521994	40.96	ng		94
55) 4-Nitrophenol	10.06	139	152380	77.66	ng	#	61
56) 2,4-Dinitrotoluene	10.13	165	133072	44.47	ng	#	80
57) Fluorene	10.49	166	418438	45.95	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	127762	47.51	ng		89
59) Diethylphthalate	10.37	149	448192	44.38	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	202457	43.39	ng		91
61) 4-Nitroaniline	10.51	138	108300	39.77	ng	#	50
62) Azobenzene	10.64	77	438072	44.45	ng		91
64) 4,6-Dinitro-2-methylphenol	10.54	198	59071	41.49	ng	#	73
65) n-Nitrosodiphenylamine	10.61	169	376896	38.41	ng		93
66) 4-Bromophenyl-phenylether	10.97	248	123975m	37.92	ng		
67) Hexachlorobenzene	11.03	284	129139	35.00	ng	#	87
68) Atrazine	11.13	200	128760	42.29	ng		83
69) Pentachlorophenol	11.23	266	149285	71.00	ng		98
70) Phenanthrene	11.45	178	658415	42.08	ng		96
71) Anthracene	11.51	178	690332	41.88	ng		97
72) Carbazole	11.67	167	624347	41.85	ng		97
73) Di-n-butylphthalate	11.99	149	693081	45.63	ng	#	98
74) Fluoranthene	12.64	202	690260	39.73	ng		92
76) Benzidine	12.78	184	359467	37.66	ng		98
77) Pyrene	12.87	202	714030	37.73	ng		96
79) Butylbenzylphthalate	13.50	149	328019	46.07	ng		97
80) Benzo(a)anthracene	14.07	228	663771	38.91	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	186899	32.44	ng	#	94
82) Chrysene	14.10	228	713077	52.24	ng		94
83) Bis(2-ethylhexyl)phthalate	14.06	149	433535	48.54	ng	#	93
84) Di-n-octyl phthalate	14.68	149	744044	51.19	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.98	276	532502	39.91	ng	#	88
87) Benzo(b)fluoranthene	15.11	252	590208m	38.09	ng		
88) Benzo(k)fluoranthene	15.14	252	699829m	49.28	ng		
89) Benzo(a)pyrene	15.48	252	595278	44.29	ng	#	85
90) Dibenzo(a,h)anthracene	17.01	278	447947	39.72	ng	#	81
91) Benzo(g,h,i)perylene	17.43	276	424152	36.70	ng	#	74

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

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