Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080685.D
Acq On : 27 Jul 2015 22:36
Operator : TP/UM
Sample : PB84679BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84679BS

Manual Integrations APPROVED
apatel
7/29/2015 10:40:43 AM

Quant Time: Jul 28 07:45:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 07:40:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	30522	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	105350	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	44822	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	63398	20.00	ng		0.00
75) Chrysene-d12	14.23	240	22790	20.00	ng		-0.02
86) Perylene-d12	15.87	264	11754	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	160906	82.46	ng		0.00
7) Phenol-d6	6.53	99	195916	94.78	ng		0.00
23) Nitrobenzene-d5	7.48	82	196560	95.53	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	35437	89.41	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	332399	92.81	ng		0.00
78) Terphenyl-d14	13.07	244	142714	106.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	31611	38.39	ng		97
3) Pyridine	3.30	79	84260	40.44	ng		95
4) n-Nitrosodimethylamine	3.20	42	49957	37.32	ng		91
6) Aniline	6.58	93	66417	22.50	ng		97
8) 2-Chlorophenol	6.70	128	85267	44.88	ng		98
9) Benzaldehyde	6.46	77	20943	15.01	ng		97
10) Phenol	6.54	94	97773	42.13	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	76017	44.91	ng		97
12) 1,3-Dichlorobenzene	6.86	146	99643	43.06	ng		99
13) 1,4-Dichlorobenzene	6.94	146	99490	44.00	ng		97
14) 1,2-Dichlorobenzene	7.09	146	95223	44.42	ng		99
15) Benzyl Alcohol	7.06	79	76942	46.10	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	149495	47.53	ng		97
17) 2-Methylphenol	7.16	107	60996	46.22	ng		98
18) Hexachloroethane	7.44	117	34460	46.35	ng		94
19) n-Nitroso-di-n-propylamine	7.32	70	55685	45.89	ng		97
20) 3+4-Methylphenols	7.32	107	88212	48.96	ng		99
22) Acetophenone	7.33	105	116022	42.54	ng		98
24) Nitrobenzene	7.50	77	86740	42.61	ng		99
25) Isophorone	7.74	82	150012	47.03	ng		99
26) 2-Nitrophenol	7.82	139	34964	42.96	ng		99
27) 2,4-Dimethylphenol	7.86	122	69725m	44.25	ng		
28) bis(2-Chloroethoxy)methane	7.95	93	87780	46.62	ng		100
29) 2,4-Dichlorophenol	8.05	162	59979	45.36	ng		100
30) 1,2,4-Trichlorobenzene	8.14	180	70434	41.93	ng	#	92
31) Naphthalene	8.24	128	232727	44.91	ng		99
32) Benzoic acid	7.90	122	35210m	45.79	ng		
33) 4-Chloroaniline	8.27	127	41857	22.56	ng	#	81
34) Hexachlorobutadiene	8.35	225	44876	42.59	ng		96
35) Caprolactam	8.60	113	12970	47.57	ng		90
36) 4-Chloro-3-methylphenol	8.75	107	64444	48.25	ng		97
37) 2-Methylnaphthalene	8.92	142	162574	49.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	67571	40.99	ng		99
40) Hexachlorocyclopentadiene	9.08	237	97824	92.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	47979	43.31	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	44007	44.01	ng		96
45) 1,1'-Biphenyl	9.39	154	169779	44.81	ng		98
46) 2-Chloronaphthalene	9.41	162	149036	47.24	ng		98
47) 2-Nitroaniline	9.49	65	34937	46.89	ng		96
48) Acenaphthylene	9.82	152	226488	45.36	ng		99
49) Dimethylphthalate	9.68	163	135165	45.64	ng		98
50) 2,6-Dinitrotoluene	9.74	165	27149	46.97	ng	#	89
51) Acenaphthene	10.00	154	135030	45.94	ng		99
52) 3-Nitroaniline	9.90	138	20732	31.45	ng		93
53) 2,4-Dinitrophenol	10.01	184	15288	101.46	ng	#	35
54) Dibenzofuran	10.17	168	190863	47.57	ng		99
55) 4-Nitrophenol	10.05	139	40141	90.46	ng		94
56) 2,4-Dinitrotoluene	10.14	165	33129	50.19	ng		97
57) Fluorene	10.51	166	143764	47.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	31651	47.31	ng	#	83
59) Diethylphthalate	10.38	149	137950	49.54	ng		100
60) 4-Chlorophenyl-phenylether	10.51	204	64222	47.99	ng		99
61) 4-Nitroaniline	10.51	138	21647	38.10	ng		97
62) Azobenzene	10.66	77	134698	49.46	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	11091	46.01	ng		89
65) n-Nitrosodiphenylamine	10.62	169	104307	47.95	ng		97
66) 4-Bromophenyl-phenylether	11.00	248	33261	48.81	ng		97
67) Hexachlorobenzene	11.06	284	39789	49.36	ng		92
68) Atrazine	11.15	200	23751	55.89	ng		94
69) Pentachlorophenol	11.25	266	31542	100.16	ng		98
70) Phenanthrene	11.47	178	170630	47.01	ng		99
71) Anthracene	11.53	178	171165	48.50	ng		98
72) Carbazole	11.68	167	128211	43.26	ng		98
73) Di-n-butylphthalate	12.02	149	138545	45.73	ng		99
74) Fluoranthene	12.67	202	113858	39.55	ng		91
76) Benzidine	12.81	184	16664	26.90	ng	#	96
77) Pyrene	12.91	202	114369	60.16	ng		99
79) Butylbenzylphthalate	13.59	149	27695	49.80	ng		94
80) Benzo(a)anthracene	14.21	228	63517	48.11	ng		98
81) 3,3'-Dichlorobenzidine	14.18	252	8690	25.24	ng		97
82) Chrysene	14.26	228	63278	47.82	ng		98
83) Bis(2-ethylhexyl)phthalate	14.23	149	28860	42.49	ng	#	96
84) Di-n-octyl phthalate	14.97	149	32906	40.80	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	26246	48.56	ng		97
87) Benzo(b)fluoranthene	15.44	252	38074	45.34	ng		95
88) Benzo(k)fluoranthene	15.46	252	37657m	46.54	ng		
89) Benzo(a)pyrene	15.81	252	32236	49.22	ng	#	95
90) Dibenzo(a,h)anthracene	17.39	278	21310	48.69	ng		96
91) Benzo(g,h,i)perylene	17.80	276	23048	54.32	ng	#	95

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

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