Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081934.D
Acq On : 1 Oct 2015 12:37
Operator : UM/IZ
Sample : PB85818BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Manual Integrations APPROVED
apatel
10/2/2015 9:01:11 AM

Quant Time: Oct 02 02:16:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\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	6.90	152	136424	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	523028	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	262384	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	502898	20.00	ng		-0.03
75) Chrysene-d12	14.07	240	428112	20.00	ng		-0.05
86) Perylene-d12	15.51	264	366143	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	823754	109.61	ng		-0.01
7) Phenol-d6	6.54	99	1039456	109.92	ng		-0.02
23) Nitrobenzene-d5	7.46	82	620908	79.13	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	298389	112.29	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1168263	72.39	ng		-0.05
78) Terphenyl-d14	13.01	244	1198889	92.78	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	105360	32.24	ng		85
3) Pyridine	3.34	79	266191	31.28	ng	#	84
4) n-Nitrosodimethylamine	3.30	42	123823	32.04	ng		95
6) Aniline	6.56	93	273053m	21.49	ng		
8) 2-Chlorophenol	6.69	128	317548	38.26	ng		97
9) Benzaldehyde	6.45	77	58679	9.48	ng	#	84
10) Phenol	6.55	94	374789	35.33	ng		80
11) bis(2-Chloroethyl)ether	6.64	93	335705m	40.81	ng		
12) 1,3-Dichlorobenzene	6.83	146	342913m	34.98	ng		
13) 1,4-Dichlorobenzene	6.91	146	367890m	35.94	ng		
14) 1,2-Dichlorobenzene	7.07	146	328600	36.03	ng		97
15) Benzyl Alcohol	7.04	79	222519	32.60	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.18	45	421987	36.29	ng		80
17) 2-Methylphenol	7.15	107	254228	37.78	ng	#	86
18) Hexachloroethane	7.41	117	120282	37.54	ng	#	87
19) n-Nitroso-di-n-propylamine	7.31	70	203488	35.40	ng	#	77
20) 3+4-Methylphenols	7.30	107	292984	34.47	ng	#	66
22) Acetophenone	7.31	105	412085	38.53	ng	#	82
24) Nitrobenzene	7.49	77	319398	37.49	ng	#	71
25) Isophorone	7.73	82	590713	37.98	ng	#	93
26) 2-Nitrophenol	7.81	139	176038	43.04	ng	#	86
27) 2,4-Dimethylphenol	7.84	122	301901	41.96	ng	#	84
28) bis(2-Chloroethoxy)methane	7.93	93	349192	37.81	ng	#	93
29) 2,4-Dichlorophenol	8.05	162	288135	41.30	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	313373	40.24	ng		99
31) Naphthalene	8.21	128	901469	38.90	ng		97
32) Benzoic acid	7.95	122	154949	37.84	ng	#	71
33) 4-Chloroaniline	8.26	127	117051	11.68	ng	#	96
34) Hexachlorobutadiene	8.32	225	187652	40.74	ng		99
35) Caprolactam	8.63	113	82254m	42.59	ng		
36) 4-Chloro-3-methylphenol	8.74	107	289097	42.38	ng		95
37) 2-Methylnaphthalene	8.89	142	605523	38.28	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	311853	38.71	ng		99
40) Hexachlorocyclopentadiene	9.05	237	361052	87.04	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	223146	40.41	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	219479	38.65	ng	#	94
45) 1,1'-Biphenyl	9.36	154	745227	36.81	ng		94
46) 2-Chloronaphthalene	9.38	162	582536	36.65	ng	#	92
47) 2-Nitroaniline	9.49	65	181643	38.93	ng	#	82
48) Acenaphthylene	9.81	152	974512	38.31	ng		97
49) Dimethylphthalate	9.67	163	733360	40.49	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	150394	38.25	ng	#	63
51) Acenaphthene	9.98	154	645807	42.75	ng		89
52) 3-Nitroaniline	9.90	138	90347	19.86	ng	#	74
53) 2,4-Dinitrophenol	10.00	184	142425	76.61	ng	#	52
54) Dibenzofuran	10.15	168	847291	39.69	ng		93
55) 4-Nitrophenol	10.06	139	231581	70.45	ng	#	52
56) 2,4-Dinitrotoluene	10.13	165	203880	40.67	ng	#	71
57) Fluorene	10.49	166	658980	43.07	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	199201	44.22	ng		91
59) Diethylphthalate	10.37	149	711012	42.03	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	323785	41.42	ng		94
61) 4-Nitroaniline	10.51	138	161675	35.45	ng	#	49
62) Azobenzene	10.64	77	684495	41.46	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	111060	48.54	ng	#	77
65) n-Nitrosodiphenylamine	10.61	169	583930	38.38	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	216717	42.74	ng	#	90
67) Hexachlorobenzene	11.03	284	208058	36.36	ng	#	91
68) Atrazine	11.13	200	210251	44.53	ng		83
69) Pentachlorophenol	11.22	266	234356	71.87	ng		100
70) Phenanthrene	11.45	178	1008429	41.54	ng		96
71) Anthracene	11.50	178	1003830	39.27	ng		97
72) Carbazole	11.66	167	935079	40.42	ng		95
73) Di-n-butylphthalate	11.99	149	1085108	46.08	ng		99
74) Fluoranthene	12.64	202	1090528	40.48	ng		86
76) Benzidine	12.77	184	348070	26.98	ng		98
77) Pyrene	12.87	202	1106956	43.28	ng		96
79) Butylbenzylphthalate	13.49	149	483737	50.26	ng	#	91
80) Benzo(a)anthracene	14.06	228	929963	40.34	ng		96
81) 3,3'-Dichlorobenzidine	14.02	252	182973	23.50	ng	#	93
82) Chrysene	14.09	228	958848m	51.48	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	599249	49.64	ng	#	91
84) Di-n-octyl phthalate	14.65	149	1047109	53.30	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	719104	39.87	ng	#	88
87) Benzo(b)fluoranthene	15.09	252	983186m	47.03	ng		
88) Benzo(k)fluoranthene	15.12	252	706201m	36.86	ng		
89) Benzo(a)pyrene	15.45	252	798479	44.03	ng	#	85
90) Dibenzo(a,h)anthracene	16.96	278	592869	38.97	ng	#	81
91) Benzo(g,h,i)perylene	17.37	276	569246	36.51	ng	#	77

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

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