Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083252.D
Acq On : 24 Nov 2015 22:39
Operator : UM/IZ
Sample : PB86782BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Manual Integrations APPROVED
Mmdadoda
11/25/2015 12:54:38 PM

Quant Time: Nov 25 02:15:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	168323	20.00	ng		-0.06
21) Naphthalene-d8	7.90	136	643845	20.00	ng		-0.06
38) Acenaphthene-d10	9.64	164	333120	20.00	ng		-0.06
63) Phenanthrene-d10	11.12	188	638754	20.00	ng		-0.06
75) Chrysene-d12	13.75	240	540505	20.00	ng		-0.06
86) Perylene-d12	15.11	264	431826	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	783296	70.35	ng		-0.07
7) Phenol-d6	6.27	99	994695	69.05	ng		-0.07
23) Nitrobenzene-d5	7.18	82	961555	68.24	ng		-0.06
41) 2,4,6-Tribromophenol	10.43	330	224602	65.90	ng		-0.06
44) 2-Fluorobiphenyl	8.98	172	1554167	65.06	ng		-0.05
78) Terphenyl-d14	12.71	244	1490953	64.96	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	149774	27.16	ng	#	89
3) Pyridine	2.76	79	415549m	28.53	ng		
4) n-Nitrosodimethylamine	2.71	42	244992	36.47	ng		95
6) Aniline	6.27	93	336741	19.13	ng	#	86
8) 2-Chlorophenol	6.40	128	415664	34.56	ng		96
9) Benzaldehyde	6.15	77	219816	27.85	ng		95
10) Phenol	6.28	94	549084	31.51	ng		89
11) bis(2-Chloroethyl)ether	6.35	93	451631	36.29	ng		99
12) 1,3-Dichlorobenzene	6.55	146	435551m	31.71	ng		
13) 1,4-Dichlorobenzene	6.63	146	446948	32.17	ng		96
14) 1,2-Dichlorobenzene	6.78	146	404800	32.06	ng		95
15) Benzyl Alcohol	6.78	79	388750	32.29	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	759584	39.15	ng		86
17) 2-Methylphenol	6.90	107	352688	35.43	ng		95
18) Hexachloroethane	7.12	117	153623	31.39	ng	#	83
19) n-Nitroso-di-n-propylamine	7.04	70	357233	35.63	ng		99
20) 3+4-Methylphenols	7.06	107	463920	36.87	ng		97
22) Acetophenone	7.03	105	573303	31.02	ng	#	97
24) Nitrobenzene	7.20	77	501503	33.31	ng		98
25) Isophorone	7.44	82	861598	32.30	ng		97
26) 2-Nitrophenol	7.52	139	211638	31.84	ng		90
27) 2,4-Dimethylphenol	7.58	122	350408	33.03	ng		98
28) bis(2-Chloroethoxy)methane	7.67	93	554263	35.73	ng		100
29) 2,4-Dichlorophenol	7.77	162	347098	34.40	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	343251	30.97	ng		96
31) Naphthalene	7.92	128	1120155	32.24	ng		99
32) Benzoic acid	7.72	122	248123	30.09	ng		99
33) 4-Chloroaniline	7.99	127	144984	10.75	ng	#	89
34) Hexachlorobutadiene	8.04	225	192620	29.41	ng		95
35) Caprolactam	8.35	113	118998m	36.80	ng		
36) 4-Chloro-3-methylphenol	8.49	107	399967	34.23	ng		97
37) 2-Methylnaphthalene	8.62	142	785904	34.85	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	323915	30.00	ng		98
40) Hexachlorocyclopentadiene	8.78	237	368749	60.06	ng		98

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Quant Time: Nov 25 02:15:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	245349	31.73	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	278336	35.20	ng	#	93
45) 1,1'-Biphenyl	9.07	154	874427	30.84	ng		95
46) 2-Chloronaphthalene	9.10	162	705171	31.67	ng		94
47) 2-Nitroaniline	9.21	65	277016	35.16	ng	#	68
48) Acenaphthylene	9.51	152	1119648	32.44	ng		100
49) Dimethylphthalate	9.39	163	909365	35.46	ng		99
50) 2,6-Dinitrotoluene	9.45	165	203115	35.30	ng	#	65
51) Acenaphthene	9.68	154	660336m	31.44	ng		
52) 3-Nitroaniline	9.61	138	93005	15.16	ng	#	53
53) 2,4-Dinitrophenol	9.72	184	239657	72.29	ng	#	82
54) Dibenzofuran	9.85	168	993730	33.46	ng		95
55) 4-Nitrophenol	9.80	139	263152	55.93	ng		88
56) 2,4-Dinitrotoluene	9.85	165	269756	37.00	ng		88
57) Fluorene	10.19	166	810031	33.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	211466	32.60	ng		96
59) Diethylphthalate	10.09	149	873681	34.22	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	392107	34.88	ng		89
61) 4-Nitroaniline	10.23	138	185476	30.71	ng		91
62) Azobenzene	10.35	77	1090022	37.41	ng		95
64) 4,6-Dinitro-2-methylphenol	10.25	198	142259	32.32	ng	#	54
65) n-Nitrosodiphenylamine	10.32	169	717996	33.05	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	223823	31.58	ng	#	77
67) Hexachlorobenzene	10.74	284	259757	33.28	ng		95
68) Atrazine	10.84	200	216977	34.39	ng		98
69) Pentachlorophenol	10.95	266	293070	57.64	ng		99
70) Phenanthrene	11.15	178	1252831	34.04	ng		98
71) Anthracene	11.20	178	1273847	33.93	ng		100
72) Carbazole	11.36	167	1061228	31.80	ng		99
73) Di-n-butylphthalate	11.70	149	1337416	32.83	ng		100
74) Fluoranthene	12.33	202	1327954	35.26	ng		98
76) Benzidine	12.46	184	417507	29.47	ng		99
77) Pyrene	12.56	202	1337353	36.22	ng		98
79) Butylbenzylphthalate	13.19	149	560315	32.06	ng		86
80) Benzo(a)anthracene	13.74	228	1143205	34.20	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	236206	20.30	ng	#	98
82) Chrysene	13.78	228	1047265	33.78	ng		97
83) Bis(2-ethylhexyl)phthalate	13.76	149	779532	34.15	ng	#	96
84) Di-n-octyl phthalate	14.37	149	1145475	29.15	ng		96
85) Indeno(1,2,3-cd)pyrene	16.34	276	854983	30.32	ng		96
87) Benzo(b)fluoranthene	14.74	252	936180m	31.73	ng		
88) Benzo(k)fluoranthene	14.77	252	788175m	35.85	ng		
89) Benzo(a)pyrene	15.05	252	793715	32.58	ng	#	94
90) Dibenzo(a,h)anthracene	16.37	278	725387	32.78	ng		100
91) Benzo(g,h,i)perylene	16.72	276	716002	33.15	ng	#	96

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

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