Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083202.D
Acq On : 23 Nov 2015 14:08
Operator : UM/IZ
Sample : PB86620BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Manual Integrations APPROVED
Mmdadoda
11/24/2015 1:19:57 PM

Quant Time: Nov 24 01:02:41 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	6.64	152	200879	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	787861	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	396454	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	731707	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	610649	20.00	ng		-0.02
86) Perylene-d12	15.14	264	521861	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1034358	77.85	ng		-0.03
7) Phenol-d6	6.31	99	1325201	77.08	ng		-0.03
23) Nitrobenzene-d5	7.21	82	1242488	72.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	308003	75.94	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	2105411	74.05	ng		-0.01
78) Terphenyl-d14	12.74	244	1990355	76.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	202346	30.74	ng		91
3) Pyridine	2.87	79	550218	31.65	ng		98
4) n-Nitrosodimethylamine	2.81	42	311081	38.80	ng		98
6) Aniline	6.31	93	509676	24.26	ng	#	83
8) 2-Chlorophenol	6.43	128	554983	38.66	ng		91
9) Benzaldehyde	6.18	77	211288	21.33	ng		98
10) Phenol	6.32	94	760275	36.56	ng		83
11) bis(2-Chloroethyl)ether	6.39	93	615271	41.43	ng		98
12) 1,3-Dichlorobenzene	6.58	146	580561m	35.42	ng		
13) 1,4-Dichlorobenzene	6.66	146	593601m	35.80	ng		
14) 1,2-Dichlorobenzene	6.81	146	561414	37.25	ng		99
15) Benzyl Alcohol	6.80	79	497499	34.63	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1029082	44.44	ng	#	69
17) 2-Methylphenol	6.92	107	446651	37.60	ng		99
18) Hexachloroethane	7.15	117	215992	36.98	ng		90
19) n-Nitroso-di-n-propylamine	7.07	70	476437	39.82	ng		96
20) 3+4-Methylphenols	7.08	107	615192	40.97	ng		95
22) Acetophenone	7.06	105	811864	35.89	ng	#	96
24) Nitrobenzene	7.23	77	680270	36.92	ng		95
25) Isophorone	7.47	82	1181503	36.19	ng		97
26) 2-Nitrophenol	7.55	139	302430	37.18	ng		97
27) 2,4-Dimethylphenol	7.61	122	511609	39.41	ng		94
28) bis(2-Chloroethoxy)methane	7.69	93	688307	36.26	ng		99
29) 2,4-Dichlorophenol	7.80	162	480369	38.91	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	480953	35.47	ng		96
31) Naphthalene	7.95	128	1570919	36.95	ng		99
32) Benzoic acid	7.76	122	336851	33.39	ng		97
33) 4-Chloroaniline	8.01	127	282075	17.10	ng		93
34) Hexachlorobutadiene	8.08	225	279059	34.82	ng		98
35) Caprolactam	8.39	113	168935m	42.70	ng		
36) 4-Chloro-3-methylphenol	8.51	107	502318	35.13	ng		87
37) 2-Methylnaphthalene	8.64	142	990135	35.88	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	463927	36.10	ng		98
40) Hexachlorocyclopentadiene	8.80	237	488798	66.90	ng		98

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Quant Time: Nov 24 01:02:41 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	8.94	196	348341	37.85	ng		99
43) 2,4,5-Trichlorophenol	8.98	196	338522	35.98	ng		98
45) 1,1'-Biphenyl	9.11	154	1199109	35.54	ng		96
46) 2-Chloronaphthalene	9.13	162	1003993	37.88	ng		97
47) 2-Nitroaniline	9.23	65	348093	37.13	ng		97
48) Acenaphthylene	9.54	152	1552349	37.79	ng		100
49) Dimethylphthalate	9.43	163	1163305	38.11	ng		98
50) 2,6-Dinitrotoluene	9.47	165	241962	35.33	ng		99
51) Acenaphthene	9.71	154	950772	38.04	ng		100
52) 3-Nitroaniline	9.64	138	157583	21.58	ng	#	65
53) 2,4-Dinitrophenol	9.76	184	306641	77.72	ng	#	65
54) Dibenzofuran	9.88	168	1318004	37.29	ng		98
55) 4-Nitrophenol	9.84	139	386385	69.01	ng		95
56) 2,4-Dinitrotoluene	9.88	165	332601	38.33	ng	#	80
57) Fluorene	10.23	166	1115853	38.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	285745	37.02	ng		99
59) Diethylphthalate	10.11	149	1091398	35.92	ng		96
60) 4-Chlorophenyl-phenylether	10.23	204	487615	36.45	ng	#	77
61) 4-Nitroaniline	10.26	138	248678	34.59	ng		93
62) Azobenzene	10.38	77	1329249	38.33	ng		98
64) 4,6-Dinitro-2-methylphenol	10.28	198	199010	39.47	ng		80
65) n-Nitrosodiphenylamine	10.34	169	898035	36.09	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	312261	38.46	ng	#	91
67) Hexachlorobenzene	10.78	284	336803	37.67	ng	#	79
68) Atrazine	10.88	200	285979	39.57	ng		98
69) Pentachlorophenol	10.97	266	387143	66.47	ng		98
70) Phenanthrene	11.18	178	1503269	35.66	ng		99
71) Anthracene	11.23	178	1708336	39.72	ng		99
72) Carbazole	11.39	167	1498451	39.20	ng		99
73) Di-n-butylphthalate	11.74	149	1767797	37.88	ng	#	98
74) Fluoranthene	12.35	202	1576842	36.55	ng		96
76) Benzidine	12.49	184	621301	38.82	ng		100
77) Pyrene	12.58	202	1571632	37.67	ng		99
79) Butylbenzylphthalate	13.22	149	718583	36.39	ng	#	89
80) Benzo(a)anthracene	13.77	228	1426982	37.78	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	326066	24.81	ng	#	94
82) Chrysene	13.81	228	1267865m	36.20	ng		
83) Bis(2-ethylhexyl)phthalate	13.78	149	940076	36.45	ng		97
84) Di-n-octyl phthalate	14.39	149	1580619	35.61	ng		96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1078452	33.85	ng		96
87) Benzo(b)fluoranthene	14.78	252	1465420m	41.10	ng		
88) Benzo(k)fluoranthene	14.80	252	933279m	35.13	ng		
89) Benzo(a)pyrene	15.09	252	1100708	37.39	ng	#	94
90) Dibenzo(a,h)anthracene	16.41	278	903724	33.79	ng	#	97
91) Benzo(g,h,i)perylene	16.78	276	882196	33.79	ng		96

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

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