Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083250.D
Acq On : 24 Nov 2015 21:40
Operator : UM/IZ
Sample : PB86773BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86773BS

Manual Integrations APPROVED
Mmdadoda
11/25/2015 12:54:37 PM

Quant Time: Nov 25 02:10:23 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	175960	20.00	ng		-0.06
21) Naphthalene-d8	7.90	136	657723	20.00	ng		-0.06
38) Acenaphthene-d10	9.64	164	334084	20.00	ng		-0.06
63) Phenanthrene-d10	11.13	188	646176	20.00	ng		-0.05
75) Chrysene-d12	13.75	240	536101	20.00	ng		-0.06
86) Perylene-d12	15.11	264	428656	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	858656	73.78	ng		-0.07
7) Phenol-d6	6.27	99	1132704	75.22	ng		-0.07
23) Nitrobenzene-d5	7.19	82	1088323	75.61	ng		-0.05
41) 2,4,6-Tribromophenol	10.44	330	253284	74.11	ng		-0.05
44) 2-Fluorobiphenyl	8.98	172	1643797	68.61	ng		-0.05
78) Terphenyl-d14	12.71	244	1640923	72.08	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	168279	29.19	ng	#	82
3) Pyridine	2.76	79	506838m	33.29	ng		
4) n-Nitrosodimethylamine	2.72	42	268607	38.25	ng		94
6) Aniline	6.27	93	383986	20.86	ng		93
8) 2-Chlorophenol	6.40	128	458954	36.50	ng		98
9) Benzaldehyde	6.15	77	248802	30.83	ng		92
10) Phenol	6.30	94	600856	32.98	ng	#	72
11) bis(2-Chloroethyl)ether	6.35	93	473622	36.41	ng		97
12) 1,3-Dichlorobenzene	6.55	146	492258	34.29	ng		93
13) 1,4-Dichlorobenzene	6.63	146	507520	34.95	ng		97
14) 1,2-Dichlorobenzene	6.78	146	443844	33.62	ng		95
15) Benzyl Alcohol	6.78	79	446375	35.47	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	845409	41.68	ng		89
17) 2-Methylphenol	6.90	107	394513	37.92	ng		95
18) Hexachloroethane	7.12	117	173866	33.99	ng	#	82
19) n-Nitroso-di-n-propylamine	7.04	70	378314	36.10	ng		100
20) 3+4-Methylphenols	7.06	107	513629	39.05	ng		97
22) Acetophenone	7.03	105	647640	34.30	ng	#	97
24) Nitrobenzene	7.20	77	532659	34.63	ng		99
25) Isophorone	7.45	82	970196	35.60	ng		96
26) 2-Nitrophenol	7.52	139	229064	33.74	ng	#	85
27) 2,4-Dimethylphenol	7.59	122	397738	36.70	ng		90
28) bis(2-Chloroethoxy)methane	7.67	93	613767	38.73	ng		100
29) 2,4-Dichlorophenol	7.77	162	379584	36.83	ng		95
30) 1,2,4-Trichlorobenzene	7.84	180	382265	33.77	ng		96
31) Naphthalene	7.92	128	1232003	34.71	ng		99
32) Benzoic acid	7.72	122	274981	32.65	ng		96
33) 4-Chloroaniline	7.99	127	151342	10.99	ng	#	90
34) Hexachlorobutadiene	8.04	225	217680	32.54	ng		98
35) Caprolactam	8.35	113	127249m	38.52	ng		
36) 4-Chloro-3-methylphenol	8.49	107	443473	37.15	ng		94
37) 2-Methylnaphthalene	8.62	142	863468	37.48	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	366761	33.87	ng		99
40) Hexachlorocyclopentadiene	8.78	237	428020	69.52	ng		98

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Quant Time: Nov 25 02:10:23 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	266505	34.37	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	295768	37.30	ng	#	89
45) 1,1'-Biphenyl	9.08	154	999891	35.17	ng		100
46) 2-Chloronaphthalene	9.10	162	771592	34.55	ng	#	93
47) 2-Nitroaniline	9.21	65	317920	40.24	ng	#	76
48) Acenaphthylene	9.51	152	1229299	35.52	ng		100
49) Dimethylphthalate	9.39	163	994860	38.68	ng		100
50) 2,6-Dinitrotoluene	9.45	165	221699	38.41	ng	#	76
51) Acenaphthene	9.68	154	735813	34.93	ng		98
52) 3-Nitroaniline	9.62	138	99585	16.19	ng		90
53) 2,4-Dinitrophenol	9.72	184	247186	74.34	ng		92
54) Dibenzofuran	9.86	168	1132553	38.02	ng		94
55) 4-Nitrophenol	9.82	139	327156	69.34	ng	#	66
56) 2,4-Dinitrotoluene	9.85	165	283212	38.73	ng		95
57) Fluorene	10.19	166	855626	34.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	242977	37.35	ng		95
59) Diethylphthalate	10.09	149	962395	37.59	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	411452	36.50	ng		93
61) 4-Nitroaniline	10.23	138	214066	35.34	ng		88
62) Azobenzene	10.35	77	1197625	40.98	ng		98
64) 4,6-Dinitro-2-methylphenol	10.26	198	166159	37.32	ng		82
65) n-Nitrosodiphenylamine	10.32	169	820579	37.34	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	262971	36.67	ng	#	91
67) Hexachlorobenzene	10.74	284	284444	36.02	ng		98
68) Atrazine	10.86	200	254904	39.94	ng		94
69) Pentachlorophenol	10.95	266	333469	64.84	ng		99
70) Phenanthrene	11.15	178	1428917	38.38	ng		99
71) Anthracene	11.20	178	1353236	35.63	ng		99
72) Carbazole	11.36	167	1192607	35.32	ng		98
73) Di-n-butylphthalate	11.70	149	1406775	34.14	ng		99
74) Fluoranthene	12.33	202	1388117	36.43	ng		100
76) Benzidine	12.47	184	433333	30.84	ng		99
77) Pyrene	12.56	202	1503519	41.05	ng		99
79) Butylbenzylphthalate	13.20	149	622584	35.92	ng	#	84
80) Benzo(a)anthracene	13.74	228	1237528	37.32	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	253520	21.97	ng	#	96
82) Chrysene	13.78	228	1198262	38.97	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	824991	36.44	ng	#	97
84) Di-n-octyl phthalate	14.37	149	1202440	30.85	ng		95
85) Indeno(1,2,3-cd)pyrene	16.35	276	934297	33.41	ng		96
87) Benzo(b)fluoranthene	14.74	252	928908m	31.72	ng		
88) Benzo(k)fluoranthene	14.77	252	865030m	39.64	ng		
89) Benzo(a)pyrene	15.05	252	861784	35.64	ng	#	94
90) Dibenzo(a,h)anthracene	16.37	278	782730	35.63	ng		97
91) Benzo(g,h,i)perylene	16.72	276	791616	36.92	ng	#	94

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

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