Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082909.D
Acq On : 13 Nov 2015 20:56
Operator : UM/IZ
Sample : G4370-06MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-TS003-02MSD

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:04 PM

Quant Time: Nov 16 09:42:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	263138	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	995496	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	465368	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	778504	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	531564	20.00	ng		-0.05
86) Perylene-d12	15.39	264	577850	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	340253	20.12	ng		-0.03
7) Phenol-d6	6.46	99	472872	21.03	ng		-0.01
23) Nitrobenzene-d5	7.37	82	287140	12.55	ng		-0.04
41) 2,4,6-Tribromophenol	10.65	330	88116	16.51	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	446477	13.75	ng		-0.05
78) Terphenyl-d14	12.92	244	329912	14.72	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	201728	27.64	ng		96
3) Pyridine	3.09	79	636784	30.07	ng		95
4) n-Nitrosodimethylamine	3.04	42	278966	26.56	ng	#	67
6) Aniline	6.52	93	498139m	15.78	ng		
8) 2-Chlorophenol	6.60	128	575285	30.69	ng		94
9) Benzaldehyde	6.34	77	40915	3.29	ng		99
10) Phenol	6.48	94	754771	29.59	ng		87
11) bis(2-Chloroethyl)ether	6.54	93	822833m	43.13	ng		
12) 1,3-Dichlorobenzene	6.75	146	604177m	28.57	ng		
13) 1,4-Dichlorobenzene	6.82	146	572768	26.04	ng		97
14) 1,2-Dichlorobenzene	6.98	146	600132	30.00	ng		99
15) Benzyl Alcohol	6.96	79	494661	25.05	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	837565	29.93	ng	#	29
17) 2-Methylphenol	7.09	107	473023	29.79	ng	#	92
18) Hexachloroethane	7.32	117	158944	20.20	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	450494	27.26	ng		87
20) 3+4-Methylphenols	7.24	107	606728	29.39	ng	#	60
22) Acetophenone	7.22	105	810756	28.42	ng	#	96
24) Nitrobenzene	7.39	77	680473	29.08	ng		95
25) Isophorone	7.64	82	1211440	28.62	ng	#	94
26) 2-Nitrophenol	7.71	139	270874	27.74	ng	#	75
27) 2,4-Dimethylphenol	7.77	122	479153	27.31	ng		93
28) bis(2-Chloroethoxy)methane	7.85	93	654867	27.43	ng	#	98
29) 2,4-Dichlorophenol	7.96	162	435702	27.47	ng		89
30) 1,2,4-Trichlorobenzene	8.04	180	513873	28.81	ng		95
31) Naphthalene	8.12	128	1569677	28.58	ng		100
32) Benzoic acid	7.87	122	163976	13.65	ng		89
33) 4-Chloroaniline	8.18	127	369726	15.62	ng	#	89
34) Hexachlorobutadiene	8.25	225	286752	25.69	ng		98
35) Caprolactam	8.54	113	161903m	32.38	ng		
36) 4-Chloro-3-methylphenol	8.67	107	487260	26.13	ng		90
37) 2-Methylnaphthalene	8.81	142	921457	25.93	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	475667	31.10	ng		99
40) Hexachlorocyclopentadiene	8.97	237	41642	5.07	ng		98

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Quant Time: Nov 16 09:42:44 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	324212	28.40	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	316803	28.06	ng		95
45) 1,1'-Biphenyl	9.28	154	1160027	29.05	ng		97
46) 2-Chloronaphthalene	9.30	162	935355	30.03	ng		99
47) 2-Nitroaniline	9.40	65	340236	29.44	ng	#	44
48) Acenaphthylene	9.71	152	1334517	27.34	ng		99
49) Dimethylphthalate	9.58	163	1568945	41.15	ng		100
50) 2,6-Dinitrotoluene	9.64	165	265468	32.63	ng	#	84
51) Acenaphthene	9.88	154	852722	27.56	ng		99
52) 3-Nitroaniline	9.80	138	185941	20.78	ng		92
53) 2,4-Dinitrophenol	9.92	184	110931	24.84	ng	#	1
54) Dibenzofuran	10.05	168	1233265	29.57	ng		94
55) 4-Nitrophenol	10.00	139	413888	60.30	ng	#	77
56) 2,4-Dinitrotoluene	10.04	165	348822	31.60	ng	#	86
57) Fluorene	10.40	166	902925	26.73	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	249334	27.06	ng	#	88
59) Diethylphthalate	10.28	149	1105850	29.71	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	504572	29.85	ng		98
61) 4-Nitroaniline	10.42	138	209022	23.23	ng	#	79
62) Azobenzene	10.56	77	1308807	32.73	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	107440	19.37	ng		79
65) n-Nitrosodiphenylamine	10.51	169	785303	27.92	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	296341	31.61	ng		97
67) Hexachlorobenzene	10.96	284	315353	30.13	ng	#	55
68) Atrazine	11.05	200	258016	29.67	ng		96
69) Pentachlorophenol	11.15	266	313563	49.33	ng		99
70) Phenanthrene	11.36	178	1299846	28.75	ng		98
71) Anthracene	11.41	178	1453401	30.52	ng		99
72) Carbazole	11.57	167	1185008	28.43	ng	#	95
73) Di-n-butylphthalate	11.90	149	1560333	30.04	ng		99
74) Fluoranthene	12.54	202	1201071	24.76	ng		99
76) Benzidine	12.67	184	316465	17.76	ng		99
77) Pyrene	12.77	202	1252014	34.30	ng		98
79) Butylbenzylphthalate	13.40	149	575309	35.67	ng		89
80) Benzo(a)anthracene	13.96	228	1015915	30.56	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	311969	26.40	ng	#	97
82) Chrysene	14.00	228	812385	26.68	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	731121	33.12	ng	#	96
84) Di-n-octyl phthalate	14.58	149	1287000	34.95	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	1021377	38.95	ng	#	95
87) Benzo(b)fluoranthene	14.99	252	999625m	26.95	ng		
88) Benzo(k)fluoranthene	15.03	252	983821m	29.90	ng		
89) Benzo(a)pyrene	15.33	252	957757	29.80	ng	#	95
90) Dibenzo(a,h)anthracene	16.79	278	854392	31.40	ng	#	96
91) Benzo(g,h,i)perylene	17.19	276	812598	31.18	ng	#	94

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

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