Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086104.D
Acq On : 6 Apr 2016 18:09
Operator : UM/SJ
Sample : H2254-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-14MSD

Manual Integrations APPROVED
Sohil
4/7/2016 9:04:11 AM

Quant Time: Apr 07 02:03:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	145266m	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	600586	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	254192	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	445000	20.00	ng		-0.03
75) Chrysene-d12	13.91	240	301870	20.00	ng		-0.02
86) Perylene-d12	15.30	264	320583	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	804634	94.68	ng		-0.02
7) Phenol-d6	6.40	99	1027359	95.17	ng		-0.02
23) Nitrobenzene-d5	7.32	82	713545	70.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.58	330	250985	105.20	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1008102	65.94	ng		-0.03
78) Terphenyl-d14	12.84	244	731786	56.98	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	118663	29.45	ng		98
3) Pyridine	3.00	79	334025	37.03	ng		99
4) n-Nitrosodimethylamine	2.96	42	146373	36.90	ng		100
6) Aniline	6.41	93	186942m	13.20	ng		
8) 2-Chlorophenol	6.53	128	336628	33.21	ng		98
9) Benzaldehyde	6.29	77	125112m	21.54	ng		
10) Phenol	6.41	94	368270	29.91	ng		84
11) bis(2-Chloroethyl)ether	6.49	93	322858	33.11	ng		99
12) 1,3-Dichlorobenzene	6.68	146	353463m	32.91	ng		
13) 1,4-Dichlorobenzene	6.76	146	361774m	32.69	ng		
14) 1,2-Dichlorobenzene	6.91	146	315454	30.97	ng		95
15) Benzyl Alcohol	6.90	79	239095	34.24	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	380342	31.93	ng	#	46
17) 2-Methylphenol	7.01	107	264853	33.14	ng		96
18) Hexachloroethane	7.25	117	129897	31.91	ng		94
19) n-Nitroso-di-n-propylamine	7.17	70	228332	34.13	ng		99
20) 3+4-Methylphenols	7.17	107	341919	35.18	ng	#	70
22) Acetophenone	7.16	105	445255	31.54	ng	#	91
24) Nitrobenzene	7.33	77	330909	29.70	ng		100
25) Isophorone	7.57	82	634423	31.56	ng		99
26) 2-Nitrophenol	7.65	139	186133	34.92	ng		97
27) 2,4-Dimethylphenol	7.70	122	302718	31.62	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	422557	35.82	ng		99
29) 2,4-Dichlorophenol	7.90	162	254819	31.48	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	277346	30.53	ng		99
31) Naphthalene	8.05	128	954109	31.58	ng		99
32) Benzoic acid	7.80	122	36999	5.27	ng		98
33) 4-Chloroaniline	8.11	127	79950	6.55	ng	#	94
34) Hexachlorobutadiene	8.17	225	142631	29.20	ng		99
35) Caprolactam	8.49	113	88647m	34.52	ng		
36) 4-Chloro-3-methylphenol	8.61	107	298585	32.81	ng		91
37) 2-Methylnaphthalene	8.74	142	597769	30.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	239044	31.29	ng		99
40) Hexachlorocyclopentadiene	8.90	237	116531	50.35	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	170421	34.74	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	170246	34.18	ng		98
45) 1,1'-Biphenyl	9.21	154	675090	30.80	ng		98
46) 2-Chloronaphthalene	9.23	162	500076	31.47	ng		92
47) 2-Nitroaniline	9.33	65	153684	33.06	ng		86
48) Acenaphthylene	9.64	152	743332	29.21	ng		99
49) Dimethylphthalate	9.52	163	806059	42.78	ng		100
50) 2,6-Dinitrotoluene	9.58	165	148469	37.25	ng	#	69
51) Acenaphthene	9.81	154	461602	30.50	ng		100
52) 3-Nitroaniline	9.74	138	80584	16.77	ng		83
53) 2,4-Dinitrophenol	9.87	184	58777	32.32	ng	#	72
54) Dibenzofuran	9.98	168	677179	33.88	ng		96
55) 4-Nitrophenol	9.93	139	165959	58.60	ng		90
56) 2,4-Dinitrotoluene	9.98	165	149824	29.75	ng	#	33
57) Fluorene	10.33	166	504392	29.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	125134	33.74	ng		98
59) Diethylphthalate	10.21	149	627715	33.01	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	259099	32.57	ng	#	83
61) 4-Nitroaniline	10.36	138	117263	24.78	ng		88
62) Azobenzene	10.49	77	639473	35.11	ng		89
64) 4,6-Dinitro-2-methylphenol	10.40	198	67209	24.92	ng		96
65) n-Nitrosodiphenylamine	10.44	169	461966	33.19	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	140192	30.86	ng	#	79
67) Hexachlorobenzene	10.88	284	140533	29.91	ng	#	72
68) Atrazine	10.98	200	157232	34.97	ng		99
69) Pentachlorophenol	11.08	266	144819	65.77	ng		98
70) Phenanthrene	11.29	178	860945	35.46	ng		100
71) Anthracene	11.34	178	843777	33.18	ng		99
72) Carbazole	11.50	167	676903	30.96	ng		98
73) Di-n-butylphthalate	11.82	149	797859	29.46	ng		99
74) Fluoranthene	12.48	202	837000	33.15	ng		95
76) Benzidine	12.60	184	287898	27.03	ng		98
77) Pyrene	12.71	202	816147	38.37	ng		99
79) Butylbenzylphthalate	13.32	149	308514	32.21	ng	#	85
80) Benzo(a)anthracene	13.89	228	615747	34.60	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	98120	7.55	ng	#	95
82) Chrysene	13.93	228	579343	33.80	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	412334	32.43	ng	#	97
84) Di-n-octyl phthalate	14.49	149	694450	34.21	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	643699	46.29	ng		99
87) Benzo(b)fluoranthene	14.91	252	687204m	34.08	ng		
88) Benzo(k)fluoranthene	14.93	252	502262m	28.12	ng		
89) Benzo(a)pyrene	15.24	252	592911	33.18	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	524382	36.48	ng		99
91) Benzo(g,h,i)perylene	17.05	276	534213	38.40	ng		99

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

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