Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084900.D
Acq On : 6 Feb 2016 9:55
Operator : SJ/IZ
Sample : H1329-09MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B009(5-7)MSD

Manual Integrations APPROVED
UMANGI
2/8/2016 3:03:34 PM

Quant Time: Feb 08 02:26:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	173648	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	701112	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	306882	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	503143	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	295621	20.00	ng		-0.03
86) Perylene-d12	15.17	264	326203	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1351073	121.19	ng		-0.01
7) Phenol-d6	6.33	99	1753860	126.90	ng		-0.01
23) Nitrobenzene-d5	7.24	82	1152727	92.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	351053	109.67	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1770384	105.83	ng		-0.02
78) Terphenyl-d14	12.76	244	1154566	88.50	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	173826	35.60	ng	#	77
3) Pyridine	2.86	79	468303	36.81	ng	#	75
4) n-Nitrosodimethylamine	2.83	42	287958	43.76	ng		84
6) Aniline	6.33	93	236986	14.01	ng	#	26
8) 2-Chlorophenol	6.45	128	586222	46.45	ng		98
9) Benzaldehyde	6.20	77	215062	26.35	ng		95
10) Phenol	6.34	94	788509	50.93	ng		89
11) bis(2-Chloroethyl)ether	6.41	93	501550m	41.54	ng		
12) 1,3-Dichlorobenzene	6.60	146	579093m	43.43	ng		
13) 1,4-Dichlorobenzene	6.68	146	589220	44.21	ng		94
14) 1,2-Dichlorobenzene	6.83	146	490636	39.52	ng		97
15) Benzyl Alcohol	6.82	79	423444	44.37	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	827277	40.73	ng		96
17) 2-Methylphenol	6.94	107	450597	45.15	ng	#	91
18) Hexachloroethane	7.17	117	221329	43.12	ng		100
19) n-Nitroso-di-n-propylamine	7.09	70	362540	41.85	ng	#	74
20) 3+4-Methylphenols	7.10	107	579299	46.76	ng		91
22) Acetophenone	7.08	105	760374	41.15	ng	#	99
24) Nitrobenzene	7.25	77	518430	38.90	ng		96
25) Isophorone	7.50	82	1030664	42.59	ng	#	93
26) 2-Nitrophenol	7.57	139	301167	45.82	ng	#	87
27) 2,4-Dimethylphenol	7.63	122	469399	41.05	ng		88
28) bis(2-Chloroethoxy)methane	7.71	93	632693	44.07	ng		99
29) 2,4-Dichlorophenol	7.82	162	456037	46.62	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	451322	40.85	ng		97
31) Naphthalene	7.97	128	1523207	43.31	ng		99
33) 4-Chloroaniline	8.03	127	109246	7.51	ng		93
34) Hexachlorobutadiene	8.10	225	271620	42.63	ng		99
35) Caprolactam	8.41	113	133084m	44.14	ng		
36) 4-Chloro-3-methylphenol	8.53	107	478690	42.89	ng		98
37) 2-Methylnaphthalene	8.66	142	987144	44.85	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	420939	43.19	ng		99
40) Hexachlorocyclopentadiene	8.82	237	230772	59.87	ng		99
42) 2,4,6-Trichlorophenol	8.96	196	279722	44.55	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	278526	43.66	ng	#	82
45) 1,1'-Biphenyl	9.13	154	1083590	39.53	ng		99
46) 2-Chloronaphthalene	9.15	162	868950	43.05	ng		94
47) 2-Nitroaniline	9.25	65	273520	42.79	ng		97
48) Acenaphthylene	9.56	152	1201869	39.24	ng		98
49) Dimethylphthalate	9.45	163	1585845	67.85	ng	#	91
50) 2,6-Dinitrotoluene	9.50	165	251020	49.16	ng		96
51) Acenaphthene	9.73	154	769630	38.62	ng		98
52) 3-Nitroaniline	9.66	138	142276	24.80	ng		87
53) 2,4-Dinitrophenol	9.78	184	19410	13.44	ng		90
54) Dibenzofuran	9.90	168	1064289	43.70	ng		93
55) 4-Nitrophenol	9.85	139	246763	58.52	ng	#	78
56) 2,4-Dinitrotoluene	9.90	165	297607	45.70	ng	#	86
57) Fluorene	10.25	166	859667	42.27	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	224744	46.27	ng		93
59) Diethylphthalate	10.13	149	947194	41.50	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	425613	50.73	ng		88
61) 4-Nitroaniline	10.28	138	234772	41.99	ng		88
62) Azobenzene	10.40	77	1003642	45.73	ng		85
64) 4,6-Dinitro-2-methylphenol	10.30	198	64883	20.89	ng	#	50
65) n-Nitrosodiphenylamine	10.36	169	740834	46.37	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	251499	45.26	ng	#	77
67) Hexachlorobenzene	10.80	284	292565	48.32	ng	#	91
68) Atrazine	10.90	200	244657	48.49	ng		98
69) Pentachlorophenol	10.99	266	217891	76.57	ng		98
70) Phenanthrene	11.21	178	1293692	46.36	ng		99
71) Anthracene	11.25	178	1219971	43.39	ng		99
72) Carbazole	11.41	167	1018870	41.55	ng		99
73) Di-n-butylphthalate	11.76	149	1465689	46.95	ng	#	98
74) Fluoranthene	12.39	202	1137536	40.27	ng		97
76) Benzidine	12.51	184	357113	34.07	ng		99
77) Pyrene	12.61	202	1164935	51.47	ng		99
79) Butylbenzylphthalate	13.24	149	479520	46.70	ng		92
80) Benzo(a)anthracene	13.80	228	877579	47.83	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	179079	27.57	ng	#	96
82) Chrysene	13.84	228	871645	48.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	641420	50.20	ng	#	99
84) Di-n-octyl phthalate	14.42	149	1118439	53.05	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	843931	60.26	ng		99
87) Benzo(b)fluoranthene	14.81	252	1059420m	48.34	ng		
88) Benzo(k)fluoranthene	14.83	252	607952m	33.55	ng		
89) Benzo(a)pyrene	15.13	252	838224	44.89	ng		98
90) Dibenzo(a,h)anthracene	16.47	278	702592	44.69	ng		98
91) Benzo(g,h,i)perylene	16.84	276	680615	42.98	ng		96

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

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