Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084608.D
Acq On : 25 Jan 2016 15:41
Operator : SJ/IZ
Sample : H1201-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01MSD

Manual Integrations APPROVED
mohammad
1/26/2016 10:43:25 AM

Quant Time: Jan 25 16:56:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	209480	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	852052	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	418699	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	801744	20.00	ng		0.00
75) Chrysene-d12	13.89	240	624344	20.00	ng		0.00
86) Perylene-d12	15.28	264	385773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	987960	76.28	ng		0.01
7) Phenol-d6	6.38	99	763461	46.94	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1410795	92.15	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	678434	160.50	ng		0.01
44) 2-Fluorobiphenyl	9.10	172	2392195	101.76	ng		0.00
78) Terphenyl-d14	12.84	244	2535045	90.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	123438	20.12	ng	#	77
3) Pyridine	3.01	79	166721	9.75	ng	#	67
4) n-Nitrosodimethylamine	2.93	42	150693	17.16	ng	#	71
6) Aniline	6.40	93	406592	17.09	ng	#	55
8) 2-Chlorophenol	6.52	128	574774	39.12	ng		84
9) Benzaldehyde	6.28	77	53001	5.00	ng		93
10) Phenol	6.40	94	303573	16.42	ng	#	67
11) bis(2-Chloroethyl)ether	6.48	93	628582	43.88	ng	#	80
12) 1,3-Dichlorobenzene	6.68	146	655644	43.25	ng		97
13) 1,4-Dichlorobenzene	6.75	146	664926	43.74	ng		96
14) 1,2-Dichlorobenzene	6.91	146	668634	45.93	ng		100
15) Benzyl Alcohol	6.89	79	393608	28.77	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1079212	41.37	ng		94
17) 2-Methylphenol	7.01	107	428328	34.78	ng	#	92
18) Hexachloroethane	7.25	117	270331	44.48	ng		92
19) n-Nitroso-di-n-propylamine	7.17	70	549561	49.91	ng	#	84
20) 3+4-Methylphenols	7.17	107	481233	33.25	ng		89
22) Acetophenone	7.15	105	1036562	50.59	ng	#	98
24) Nitrobenzene	7.33	77	841789	54.21	ng		92
25) Isophorone	7.57	82	1446946	49.42	ng		99
26) 2-Nitrophenol	7.64	139	360196	50.97	ng	#	80
27) 2,4-Dimethylphenol	7.70	122	664187	46.43	ng		91
28) bis(2-Chloroethoxy)methane	7.79	93	953481	53.31	ng		98
29) 2,4-Dichlorophenol	7.89	162	594676	49.91	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	616444	50.11	ng	#	94
31) Naphthalene	8.05	128	2001146	51.77	ng		99
32) Benzoic acid	7.80	122	168569	22.18	ng		98
33) 4-Chloroaniline	8.10	127	260081	14.68	ng		98
34) Hexachlorobutadiene	8.17	225	333527	47.17	ng		98
35) Caprolactam	8.49	113	21334	5.31	ng	#	40
36) 4-Chloro-3-methylphenol	8.59	107	617772	46.29	ng		94
37) 2-Methylnaphthalene	8.74	142	1306338	47.07	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	612204	50.86	ng		99
40) Hexachlorocyclopentadiene	8.90	237	583526	80.31	ng		98

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Quant Time: Jan 25 16:56:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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	9.02	196	453515	50.36	ng		94
43) 2,4,5-Trichlorophenol	9.07	196	405568	46.98	ng	#	87
45) 1,1'-Biphenyl	9.21	154	1671926	50.24	ng		99
46) 2-Chloronaphthalene	9.23	162	1304975	49.93	ng		94
47) 2-Nitroaniline	9.33	65	503923	58.41	ng	#	86
48) Acenaphthylene	9.64	152	1810184	46.88	ng		96
49) Dimethylphthalate	9.52	163	1534550	51.27	ng	#	90
50) 2,6-Dinitrotoluene	9.57	165	320622	48.84	ng	#	50
51) Acenaphthene	9.81	154	1199482	46.31	ng		99
52) 3-Nitroaniline	9.74	138	192185	23.62	ng	#	77
53) 2,4-Dinitrophenol	9.86	184	435581	152.39	ng	#	74
54) Dibenzofuran	9.98	168	1557433	46.52	ng	#	88
55) 4-Nitrophenol	9.92	139	233271	39.50	ng	#	80
56) 2,4-Dinitrotoluene	9.98	165	492761	59.30	ng	#	86
57) Fluorene	10.33	166	1321807	51.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	400778	54.37	ng		88
59) Diethylphthalate	10.21	149	1477714	50.07	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	659908	63.55	ng	#	84
61) 4-Nitroaniline	10.36	138	352634	48.63	ng		95
62) Azobenzene	10.49	77	1665106	51.44	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	257036	53.62	ng	#	69
65) n-Nitrosodiphenylamine	10.44	169	1244873	48.56	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	407938	47.27	ng	#	75
67) Hexachlorobenzene	10.88	284	506598	52.16	ng		97
68) Atrazine	10.98	200	418001	49.83	ng		97
69) Pentachlorophenol	11.07	266	482853	95.88	ng		97
70) Phenanthrene	11.29	178	2215095	52.82	ng		96
71) Anthracene	11.33	178	2014845	49.01	ng		97
72) Carbazole	11.49	167	1758009	43.74	ng		98
73) Di-n-butylphthalate	11.84	149	2535879	66.75	ng	#	97
74) Fluoranthene	12.46	202	2112176	48.21	ng		98
76) Benzidine	12.59	184	297300	13.28	ng		98
77) Pyrene	12.69	202	2095555	42.77	ng		98
79) Butylbenzylphthalate	13.32	149	981936	46.31	ng		88
80) Benzo(a)anthracene	13.88	228	1831845	49.97	ng		97
81) 3,3'-Dichlorobenzidine	13.85	252	382880	29.93	ng	#	94
82) Chrysene	13.92	228	1665969	47.29	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1268522	47.36	ng		99
84) Di-n-octyl phthalate	14.50	149	1940814	42.92	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.60	276	1052478	37.69	ng		96
87) Benzo(b)fluoranthene	14.90	252	1552275m	61.51	ng		
88) Benzo(k)fluoranthene	14.92	252	996536m	48.29	ng		
89) Benzo(a)pyrene	15.23	252	1166494	54.50	ng	#	97
90) Dibenzo(a,h)anthracene	16.61	278	892450	48.45	ng		96
91) Benzo(g,h,i)perylene	17.00	276	875605	45.91	ng		96

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

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