Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084596.D
Acq On : 22 Jan 2016 18:23
Operator : SJ/IZ
Sample : H1187-05MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-7278-01MS

Manual Integrations APPROVED
mohammad
1/25/2016 2:59:12 PM

Quant Time: Jan 23 00:32:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	145937m	20.00	ng		-0.08
21) Naphthalene-d8	8.03	136	581076	20.00	ng		-0.09
38) Acenaphthene-d10	9.79	164	289509	20.00	ng		-0.08
63) Phenanthrene-d10	11.26	188	507122	20.00	ng		-0.09
75) Chrysene-d12	13.90	240	389468	20.00	ng		-0.09
86) Perylene-d12	15.30	264	306570	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1278880	141.74	ng		-0.08
7) Phenol-d6	6.41	99	1755888	154.95	ng		-0.07
23) Nitrobenzene-d5	7.32	82	1148415	109.99	ng		-0.08
41) 2,4,6-Tribromophenol	10.58	330	404430	138.37	ng		-0.09
44) 2-Fluorobiphenyl	9.12	172	1651621	101.59	ng		-0.08
78) Terphenyl-d14	12.85	244	1651702	94.66	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	197425	46.19	ng	#	74
3) Pyridine	3.01	79	357010	29.96	ng	#	68
4) n-Nitrosodimethylamine	2.97	42	260047	42.51	ng	#	67
6) Aniline	6.42	93	311499m	18.79	ng		
8) 2-Chlorophenol	6.53	128	431499	42.15	ng		84
9) Benzaldehyde	6.29	77	38954	5.28	ng		90
10) Phenol	6.42	94	680908	52.85	ng		96
11) bis(2-Chloroethyl)ether	6.49	93	423865m	42.47	ng		
12) 1,3-Dichlorobenzene	6.68	146	437465m	41.43	ng		
13) 1,4-Dichlorobenzene	6.76	146	438701m	41.43	ng		
14) 1,2-Dichlorobenzene	6.92	146	455824	44.95	ng		96
15) Benzyl Alcohol	6.90	79	385449	40.44	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.04	45	695165	38.25	ng		87
17) 2-Methylphenol	7.02	107	384393m	44.80	ng		
18) Hexachloroethane	7.26	117	176041m	41.57	ng		
19) n-Nitroso-di-n-propylamine	7.17	70	323416m	42.16	ng		
20) 3+4-Methylphenols	7.17	107	459474	45.56	ng	#	73
22) Acetophenone	7.16	105	647647	46.35	ng		94
24) Nitrobenzene	7.33	77	451440	42.63	ng		91
25) Isophorone	7.57	82	886148	44.38	ng		97
26) 2-Nitrophenol	7.65	139	243279	50.48	ng	#	82
27) 2,4-Dimethylphenol	7.70	122	368967	37.82	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	505593	41.45	ng		100
29) 2,4-Dichlorophenol	7.90	162	392951	48.36	ng		94
30) 1,2,4-Trichlorobenzene	7.97	180	377918	45.05	ng		97
31) Naphthalene	8.05	128	1212822	46.00	ng		100
32) Benzoic acid	7.79	122	51799	13.43	ng	#	88
33) 4-Chloroaniline	8.11	127	196564	16.26	ng		96
34) Hexachlorobutadiene	8.18	225	235267	48.79	ng		98
35) Caprolactam	8.49	113	122833	44.84	ng	#	40
36) 4-Chloro-3-methylphenol	8.61	107	461755	50.73	ng		95
37) 2-Methylnaphthalene	8.75	142	924037	48.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	341843	41.07	ng		98
40) Hexachlorocyclopentadiene	8.90	237	361692	71.99	ng		96

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Quant Time: Jan 23 00:32:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	269499	43.28	ng		91
43) 2,4,5-Trichlorophenol	9.08	196	286652m	48.02	ng		
45) 1,1'-Biphenyl	9.22	154	1066430	46.35	ng		96
46) 2-Chloronaphthalene	9.24	162	811848	44.92	ng	#	87
47) 2-Nitroaniline	9.33	65	264348	44.32	ng		94
48) Acenaphthylene	9.65	152	1271080	47.60	ng		98
49) Dimethylphthalate	9.53	163	1516333	73.26	ng	#	90
50) 2,6-Dinitrotoluene	9.58	165	221749	48.85	ng	#	62
51) Acenaphthene	9.82	154	839330	46.86	ng		99
52) 3-Nitroaniline	9.74	138	139464	24.79	ng		96
53) 2,4-Dinitrophenol	9.86	184	165213	85.20	ng		95
54) Dibenzofuran	10.00	168	1133781	49.15	ng		93
55) 4-Nitrophenol	9.93	139	352730	86.39	ng	#	72
56) 2,4-Dinitrotoluene	9.98	165	268314	46.70	ng	#	78
57) Fluorene	10.34	166	912927	51.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	229047	44.94	ng		90
59) Diethylphthalate	10.22	149	982398	48.14	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	376433	50.75	ng	#	86
61) 4-Nitroaniline	10.36	138	208706	41.62	ng		96
62) Azobenzene	10.49	77	949569	42.43	ng		83
64) 4,6-Dinitro-2-methylphenol	10.40	198	142906	46.39	ng		83
65) n-Nitrosodiphenylamine	10.45	169	725834	44.77	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	247977	45.43	ng	#	79
67) Hexachlorobenzene	10.89	284	282616	46.00	ng	#	87
68) Atrazine	10.99	200	278301	52.45	ng		96
69) Pentachlorophenol	11.08	266	280739	88.13	ng		98
70) Phenanthrene	11.30	178	1373526	51.78	ng		98
71) Anthracene	11.34	178	1173444	45.13	ng		99
72) Carbazole	11.50	167	1080776	42.51	ng		98
73) Di-n-butylphthalate	11.85	149	1457471	57.87	ng		98
74) Fluoranthene	12.48	202	1189661	42.93	ng		99
76) Benzidine	12.60	184	126731	9.08	ng		99
77) Pyrene	12.70	202	1199829	39.26	ng		99
79) Butylbenzylphthalate	13.33	149	556757	42.10	ng		91
80) Benzo(a)anthracene	13.89	228	972884	42.54	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	205088	25.70	ng	#	95
82) Chrysene	13.93	228	833266	37.92	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	771414	46.17	ng		99
84) Di-n-octyl phthalate	14.51	149	1236254	43.83	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.63	276	830659	47.69	ng		96
87) Benzo(b)fluoranthene	14.91	252	906508m	45.20	ng		
88) Benzo(k)fluoranthene	14.93	252	690741m	42.12	ng		
89) Benzo(a)pyrene	15.24	252	761038	44.74	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	697623	47.66	ng	#	92
91) Benzo(g,h,i)perylene	17.03	276	685129	45.20	ng		97

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

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