Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083978.D
Acq On : 20 Dec 2015 4:31
Operator : UM/SJ
Sample : G4838-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPHMS

Manual Integrations APPROVED
apatel
12/22/2015 12:01:27 PM

Quant Time: Dec 20 07:21:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	74809	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	286396	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	147880	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	254541	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	173891	20.00	ng		-0.02
86) Perylene-d12	15.44	264	151813	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	598812	125.27	ng		0.00
7) Phenol-d6	6.51	99	722109	123.41	ng		0.00
23) Nitrobenzene-d5	7.41	82	509655	101.56	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	204059	125.26	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1002573	97.43	ng		-0.02
78) Terphenyl-d14	12.96	244	880845	121.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	76597	36.94	ng		97
3) Pyridine	3.23	79	133625	26.06	ng		95
4) n-Nitrosodimethylamine	3.17	42	83550	42.72	ng		99
6) Aniline	6.52	93	116490	15.46	ng	#	1
8) 2-Chlorophenol	6.65	128	245208	43.10	ng		88
9) Benzaldehyde	6.40	77	30360	8.61	ng		95
10) Phenol	6.52	94	282374	43.25	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	231809	46.74	ng		97
12) 1,3-Dichlorobenzene	6.80	146	258338	42.22	ng		98
13) 1,4-Dichlorobenzene	6.86	146	246436	39.45	ng		96
14) 1,2-Dichlorobenzene	7.02	146	257748	51.78	ng		98
15) Benzyl Alcohol	7.00	79	205804	46.48	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	227215	44.43	ng		91
17) 2-Methylphenol	7.13	107	193358	43.33	ng	#	90
18) Hexachloroethane	7.37	117	95098	41.49	ng	#	88
19) n-Nitroso-di-n-propylamine	7.28	70	160883	47.17	ng		94
20) 3+4-Methylphenols	7.28	107	238865	45.55	ng	#	54
22) Acetophenone	7.26	105	319698	46.37	ng		93
24) Nitrobenzene	7.44	77	245527	47.31	ng		100
25) Isophorone	7.68	82	444864	47.12	ng		99
26) 2-Nitrophenol	7.76	139	140151	52.17	ng		98
27) 2,4-Dimethylphenol	7.80	122	249389	53.89	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	269964	48.34	ng	#	97
29) 2,4-Dichlorophenol	8.01	162	210496	50.14	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	204163	45.28	ng		99
31) Naphthalene	8.16	128	1041676	73.59	ng		99
32) Benzoic acid	7.95	122	125405	64.82	ng		94
33) 4-Chloroaniline	8.21	127	66256	10.19	ng	#	93
34) Hexachlorobutadiene	8.28	225	106858	37.95	ng		99
35) Caprolactam	8.59	113	61256	44.16	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	228612	48.38	ng		97
37) 2-Methylnaphthalene	8.85	142	553211	55.58	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	199441	42.77	ng		97
40) Hexachlorocyclopentadiene	9.00	237	78418	57.11	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	133010	43.20	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	156022	51.21	ng		93
45) 1,1'-Biphenyl	9.31	154	548963	44.20	ng		100
46) 2-Chloronaphthalene	9.33	162	434153	44.67	ng		99
47) 2-Nitroaniline	9.44	65	136866	46.80	ng	#	74
48) Acenaphthylene	9.76	152	783278	45.43	ng		100
49) Dimethylphthalate	9.62	163	556129	44.82	ng	#	90
50) 2,6-Dinitrotoluene	9.68	165	109826	40.57	ng	#	67
51) Acenaphthene	9.93	154	461319	43.52	ng		99
52) 3-Nitroaniline	9.85	138	60527	21.21	ng	#	75
53) 2,4-Dinitrophenol	9.96	184	96735	97.02	ng	#	88
54) Dibenzofuran	10.10	168	663743	48.21	ng		96
55) 4-Nitrophenol	10.03	139	150979	84.76	ng		91
56) 2,4-Dinitrotoluene	10.09	165	170960	49.27	ng	#	84
57) Fluorene	10.44	166	517424	49.73	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	113317	50.27	ng		92
59) Diethylphthalate	10.32	149	555348	43.29	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	235860	44.70	ng		99
61) 4-Nitroaniline	10.46	138	117119	39.67	ng		92
62) Azobenzene	10.59	77	536366	49.88	ng		99
64) 4,6-Dinitro-2-methylphenol	10.50	198	74123	47.44	ng		76
65) n-Nitrosodiphenylamine	10.54	169	420046	45.35	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	145138	46.64	ng		99
67) Hexachlorobenzene	10.99	284	158843	48.48	ng		96
68) Atrazine	11.08	200	95795	32.65	ng		95
69) Pentachlorophenol	11.18	266	130327	92.92	ng		99
70) Phenanthrene	11.40	178	721278	46.90	ng		100
71) Anthracene	11.45	178	660181	44.41	ng		100
72) Carbazole	11.61	167	658047	44.80	ng		97
73) Di-n-butylphthalate	11.94	149	829600	48.07	ng		100
74) Fluoranthene	12.58	202	627236	40.87	ng		99
77) Pyrene	12.81	202	640716	55.74	ng		100
79) Butylbenzylphthalate	13.43	149	310114	53.57	ng		97
80) Benzo(a)anthracene	14.00	228	483593	45.23	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	60746	15.20	ng	#	92
82) Chrysene	14.03	228	422908	40.95	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	431594	55.84	ng		99
84) Di-n-octyl phthalate	14.59	149	656914	54.31	ng		98
85) Indeno(1,2,3-cd)pyrene	16.87	276	516762	66.91	ng		98
87) Benzo(b)fluoranthene	15.03	252	586722m	53.01	ng		
88) Benzo(k)fluoranthene	15.06	252	327554m	35.87	ng		
89) Benzo(a)pyrene	15.38	252	433203	47.40	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	432970	60.89	ng		97
91) Benzo(g,h,i)perylene	17.28	276	411104	58.99	ng		97

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

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