Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091665.D
Acq On : 16 Dec 2016 9:46
Operator : UM/SJ
Sample : H6057-04MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP20-COMP6MSD

Manual Integrations APPROVED
UMANGI
12/16/2016 6:22:38 PM

Quant Time: Dec 16 16:50:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	183813	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	735756	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	348510	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	505941	20.00	ng		0.00
75) Chrysene-d12	13.94	240	401758	20.00	ng		0.00
86) Perylene-d12	15.35	264	339997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1254606	114.99	ng		0.02
7) Phenol-d6	6.43	99	1700879	125.05	ng		0.00
23) Nitrobenzene-d5	7.36	82	1227552	93.12	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	357881	123.63	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1787035	88.60	ng		0.00
78) Terphenyl-d14	12.89	244	1431001	80.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	196572	34.14	ng	#	70
3) Pyridine	3.16	79	365793	23.84	ng	#	81
4) n-Nitrosodimethylamine	3.09	42	277767	42.14	ng	#	74
6) Aniline	6.45	93	447533	25.10	ng	#	80
8) 2-Chlorophenol	6.58	128	528203	42.89	ng		98
9) Benzaldehyde	6.33	77	59122	6.32	ng		88
10) Phenol	6.45	94	548055	34.46	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	552064	46.21	ng	#	79
12) 1,3-Dichlorobenzene	6.73	146	536987	40.21	ng		98
13) 1,4-Dichlorobenzene	6.81	146	545996	41.45	ng		97
14) 1,2-Dichlorobenzene	6.96	146	500807	42.19	ng		100
15) Benzyl Alcohol	6.93	79	477459	44.46	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	724272	39.12	ng		81
17) 2-Methylphenol	7.06	107	448095	43.98	ng	#	78
18) Hexachloroethane	7.30	117	194837	37.90	ng	#	86
19) n-Nitroso-di-n-propylamine	7.21	70	384786	45.24	ng	#	84
20) 3+4-Methylphenols	7.21	107	516011	47.03	ng	#	80
22) Acetophenone	7.20	105	770728	43.72	ng	#	96
24) Nitrobenzene	7.37	77	544116	39.07	ng		94
25) Isophorone	7.62	82	1096642	46.80	ng		96
26) 2-Nitrophenol	7.69	139	257816	41.94	ng		90
27) 2,4-Dimethylphenol	7.73	122	456860	42.31	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	618376	44.99	ng		100
29) 2,4-Dichlorophenol	7.94	162	444770	47.35	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	464942	43.55	ng		97
31) Naphthalene	8.10	128	1500812	43.84	ng		99
32) Benzoic acid	7.86	122	311679	41.02	ng		99
33) 4-Chloroaniline	8.14	127	274611	18.62	ng		98
34) Hexachlorobutadiene	8.21	225	244179	39.90	ng		97
35) Caprolactam	8.51	113	119231	43.46	ng	#	65
36) 4-Chloro-3-methylphenol	8.64	107	445046	42.24	ng		99
37) 2-Methylnaphthalene	8.78	142	942844m	42.55	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	431173	45.11	ng		100
40) Hexachlorocyclopentadiene	8.94	237	249529	58.55	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	298384	48.58	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	278082	44.06	ng	#	87
45) 1,1'-Biphenyl	9.25	154	1253882	49.67	ng		96
46) 2-Chloronaphthalene	9.28	162	905301	46.31	ng		98
47) 2-Nitroaniline	9.37	65	270801	41.20	ng	#	84
48) Acenaphthylene	9.69	152	1295865	43.49	ng		99
49) Dimethylphthalate	9.56	163	1118511	50.69	ng		100
50) 2,6-Dinitrotoluene	9.62	165	245443	50.68	ng	#	69
51) Acenaphthene	9.86	154	868616	41.97	ng		97
52) 3-Nitroaniline	9.78	138	159765	28.08	ng		91
53) 2,4-Dinitrophenol	9.88	184	112052	48.19	ng	#	68
54) Dibenzofuran	10.03	168	1117442	43.64	ng		98
55) 4-Nitrophenol	9.95	139	297269	70.23	ng		95
56) 2,4-Dinitrotoluene	10.02	165	307655	50.68	ng	#	73
57) Fluorene	10.37	166	873369	48.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	228227	46.19	ng		98
59) Diethylphthalate	10.26	149	1090326	51.31	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	404756	43.96	ng		98
61) 4-Nitroaniline	10.40	138	238242	42.14	ng		92
62) Azobenzene	10.52	77	1081493	44.91	ng		87
64) 4,6-Dinitro-2-methylphenol	10.42	198	78442	26.91	ng		89
65) n-Nitrosodiphenylamine	10.49	169	785871	52.10	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	247038	47.63	ng		92
67) Hexachlorobenzene	10.92	284	266877	49.48	ng	#	89
68) Atrazine	11.01	200	167056	34.44	ng		98
69) Pentachlorophenol	11.12	266	269993	88.95	ng		96
70) Phenanthrene	11.33	178	1276232	50.94	ng		100
71) Anthracene	11.38	178	1169573	43.28	ng		99
72) Carbazole	11.54	167	1112430	46.96	ng		100
73) Di-n-butylphthalate	11.87	149	1424559	51.62	ng		99
74) Fluoranthene	12.51	202	1156711	44.09	ng		96
76) Benzidine	12.64	184	233657	18.81	ng		97
77) Pyrene	12.74	202	1137761	35.70	ng		99
79) Butylbenzylphthalate	13.37	149	576492	46.40	ng		94
80) Benzo(a)anthracene	13.93	228	1045754	44.82	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	314275	37.51	ng	#	98
82) Chrysene	13.96	228	963978	39.49	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	739210	46.37	ng		100
84) Di-n-octyl phthalate	14.55	149	1437178	53.12	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.71	276	833235	37.93	ng		99
87) Benzo(b)fluoranthene	14.95	252	913944m	45.09	ng		
88) Benzo(k)fluoranthene	14.98	252	988983m	55.49	ng		
89) Benzo(a)pyrene	15.29	252	855660	46.86	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	693800	42.42	ng		98
91) Benzo(g,h,i)perylene	17.12	276	679238	40.80	ng		99

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

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