Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095043.D
Acq On : 10 May 2017 2:32
Operator : SJ/MA
Sample : I3027-14MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMPMS

Manual Integrations APPROVED
mohammad
5/10/2017 11:47:32 AM

Quant Time: May 10 05:32:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	97347	20.00	ng		-0.02
21) Naphthalene-d8	9.74	136	402994	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	162787	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	290576	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	175140	20.00	ng		-0.02
86) Perylene-d12	20.30	264	183809	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	804733	137.82	ng		0.00
7) Phenol-d6	7.27	99	1000328	142.79	ng		0.00
23) Nitrobenzene-d5	8.62	82	617327	96.60	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	195368	146.54	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1119951	99.02	ng		-0.02
78) Terphenyl-d14	17.29	244	770448	96.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	104288	36.42	ng		96
3) Pyridine	2.80	79	255372	38.48	ng		98
4) n-Nitrosodimethylamine	2.71	42	124052	44.84	ng		87
6) Aniline	7.22	93	243141	27.49	ng		97
8) 2-Chlorophenol	7.41	128	313592	47.19	ng		96
9) Benzaldehyde	7.04	77	34418	8.05	ng		96
10) Phenol	7.29	94	345612	46.81	ng		89
11) bis(2-Chloroethyl)ether	7.35	93	274172	44.99	ng		97
12) 1,3-Dichlorobenzene	7.62	146	332603	44.12	ng		99
13) 1,4-Dichlorobenzene	7.74	146	337916	44.20	ng		96
14) 1,2-Dichlorobenzene	7.98	146	320591	44.92	ng		96
15) Benzyl Alcohol	8.00	79	251453	55.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	368135	42.68	ng		82
17) 2-Methylphenol	8.22	107	253122	46.54	ng		97
18) Hexachloroethane	8.50	117	107068	41.34	ng		89
19) n-Nitroso-di-n-propylamine	8.43	70	216768	45.75	ng		94
20) 3+4-Methylphenols	8.48	107	331125	44.80	ng	#	61
22) Acetophenone	8.39	105	436584	45.15	ng	#	84
24) Nitrobenzene	8.65	77	302172	45.11	ng		91
25) Isophorone	9.05	82	546993	47.93	ng		94
26) 2-Nitrophenol	9.15	139	174183	48.19	ng		98
27) 2,4-Dimethylphenol	9.30	122	275852	47.20	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	353695	44.80	ng		99
29) 2,4-Dichlorophenol	9.57	162	267591	48.49	ng		98
30) 1,2,4-Trichlorobenzene	9.66	180	261280	44.20	ng		99
31) Naphthalene	9.77	128	842948	41.62	ng		100
32) Benzoic acid	9.57	122	57504	18.48	ng		95
33) 4-Chloroaniline	9.94	127	47106	6.24	ng	#	93
34) Hexachlorobutadiene	9.98	225	132309	42.42	ng		98
35) Caprolactam	10.54	113	77618m	46.84	ng		
36) 4-Chloro-3-methylphenol	10.77	107	265927	45.08	ng	#	87
37) 2-Methylnaphthalene	10.89	142	608871	45.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	240134	47.97	ng		99
40) Hexachlorocyclopentadiene	11.15	237	89159	45.21	ng		99

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	171919	51.44	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	161225	44.88	ng		95
45) 1,1'-Biphenyl	11.66	154	675078	49.25	ng		97
46) 2-Chloronaphthalene	11.68	162	529466	47.84	ng		96
47) 2-Nitroaniline	11.89	65	150181	49.58	ng	#	86
48) Acenaphthylene	12.33	152	848005	48.92	ng		99
49) Dimethylphthalate	12.21	163	701503	52.49	ng		100
50) 2,6-Dinitrotoluene	12.30	165	136298	49.99	ng		95
51) Acenaphthene	12.62	154	463957	44.81	ng		98
52) 3-Nitroaniline	12.57	138	68806	23.51	ng		89
53) 2,4-Dinitrophenol	12.78	184	35733	28.18	ng	#	66
54) Dibenzofuran	12.90	168	757052	52.84	ng		99
55) 4-Nitrophenol	12.96	139	159142	90.55	ng	#	71
56) 2,4-Dinitrotoluene	12.97	165	179871	51.34	ng	#	88
57) Fluorene	13.46	166	595099	47.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	120909	53.48	ng		96
59) Diethylphthalate	13.36	149	581292	45.38	ng		99
60) 4-Chlorophenyl-phenylether	13.48	204	260580	47.59	ng		90
61) 4-Nitroaniline	13.57	138	103329	38.46	ng		97
62) Azobenzene	13.74	77	549669	53.40	ng		93
64) 4,6-Dinitro-2-methylphenol	13.63	198	37084	19.04	ng	#	72
65) n-Nitrosodiphenylamine	13.69	169	503327	47.73	ng		98
66) 4-Bromophenyl-phenylether	14.27	248	147490	48.04	ng		96
67) Hexachlorobenzene	14.35	284	137076	43.57	ng	#	87
68) Atrazine	14.61	200	128843	43.27	ng		95
69) Pentachlorophenol	14.71	266	99520	70.70	ng		96
70) Phenanthrene	15.01	178	763666	45.74	ng		98
71) Anthracene	15.09	178	788471	46.23	ng		97
72) Carbazole	15.37	167	705791	45.49	ng		96
73) Di-n-butylphthalate	15.94	149	908629	46.96	ng		98
74) Fluoranthene	16.74	202	687296	40.13	ng		99
76) Benzidine	16.97	184	264387	54.74	ng	#	93
77) Pyrene	17.05	202	683745	52.20	ng		99
79) Butylbenzylphthalate	17.95	149	324600	53.28	ng	#	86
80) Benzo(a)anthracene	18.62	228	466624	45.78	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	137924	39.18	ng	#	96
82) Chrysene	18.67	228	443362	44.98	ng		98
83) Bis(2-ethylhexyl)phthalate	18.69	149	401956	46.30	ng	#	98
84) Di-n-octyl phthalate	19.46	149	722727	50.78	ng		95
85) Indeno(1,2,3-cd)pyrene	21.59	276	455530	56.91	ng		99
87) Benzo(b)fluoranthene	19.89	252	492722	43.38	ng		98
88) Benzo(k)fluoranthene	19.92	252	505606	46.15	ng		96
89) Benzo(a)pyrene	20.24	252	477767	45.59	ng		97
90) Dibenzo(a,h)anthracene	21.60	278	384876	44.47	ng		97
91) Benzo(g,h,i)perylene	21.96	276	364247	42.88	ng		98

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

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