Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094398.D
Acq On : 13 Apr 2017 18:50
Operator : SJ/MA
Sample : I2670-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R4MSD

Manual Integrations APPROVED
mohammad
4/14/2017 1:37:04 PM

Quant Time: Apr 14 02:08:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 01:21:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	157324	20.00	ng		-0.04
21) Naphthalene-d8	7.29	136	647153	20.00	ng		-0.05
38) Acenaphthene-d10	9.43	164	299025	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	523685	20.00	ng		-0.04
75) Chrysene-d12	14.50	240	404916	20.00	ng		-0.05
86) Perylene-d12	16.12	264	323112	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.36	112	1093200	117.36	ng		-0.01
7) Phenol-d6	5.43	99	1278193	110.93	ng		-0.04
23) Nitrobenzene-d5	6.44	82	937200	82.65	ng		-0.05
41) 2,4,6-Tribromophenol	10.41	330	332644	140.78	ng		-0.04
44) 2-Fluorobiphenyl	8.62	172	1789489	91.28	ng		-0.04
78) Terphenyl-d14	13.23	244	1503409	83.22	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	148510	33.19	ng	#	83
3) Pyridine	2.74	79	330145	27.07	ng		98
4) n-Nitrosodimethylamine	2.67	42	199987	39.85	ng		86
6) Aniline	5.42	93	107696	6.72	ng	#	61
8) 2-Chlorophenol	5.56	128	461690	45.09	ng		98
9) Benzaldehyde	5.29	77	113308	14.56	ng		97
10) Phenol	5.44	94	471113	35.93	ng		93
11) bis(2-Chloroethyl)ether	5.50	93	469241	45.79	ng		96
12) 1,3-Dichlorobenzene	5.72	146	495795	43.17	ng		99
13) 1,4-Dichlorobenzene	5.80	146	500994	43.07	ng		96
14) 1,2-Dichlorobenzene	5.98	146	453212	42.31	ng		98
15) Benzyl Alcohol	5.97	79	372985	44.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.12	45	587940	37.23	ng	#	25
17) 2-Methylphenol	6.12	107	373820	42.63	ng	#	88
18) Hexachloroethane	6.37	117	178243	43.60	ng	#	82
19) n-Nitroso-di-n-propylamine	6.28	70	350414	47.32	ng		95
20) 3+4-Methylphenols	6.30	107	527241	49.65	ng	#	63
22) Acetophenone	6.26	105	680087	47.15	ng	#	86
24) Nitrobenzene	6.46	77	491948	43.99	ng		92
25) Isophorone	6.75	82	903195	45.33	ng		95
26) 2-Nitrophenol	6.83	139	275618	51.68	ng		95
27) 2,4-Dimethylphenol	6.92	122	438047	47.66	ng		97
28) bis(2-Chloroethoxy)methane	7.02	93	589502	44.86	ng		98
29) 2,4-Dichlorophenol	7.15	162	420511	48.94	ng		99
30) 1,2,4-Trichlorobenzene	7.22	180	412018	46.56	ng		98
31) Naphthalene	7.32	128	1437531	46.20	ng		99
32) Benzoic acid	7.11	122	236273	38.62	ng		89
33) 4-Chloroaniline	7.39	127	84227	6.68	ng	#	93
34) Hexachlorobutadiene	7.47	225	207496	45.72	ng		99
35) Caprolactam	7.86	113	105622m	38.55	ng		
36) 4-Chloro-3-methylphenol	8.03	107	445545	49.62	ng		88
37) 2-Methylnaphthalene	8.16	142	997525	48.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.36	216	371197	45.38	ng		99
40) Hexachlorocyclopentadiene	8.35	237	346077	90.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.52	196	286661	49.53	ng		98
43) 2,4,5-Trichlorophenol	8.58	196	288607	46.09	ng		94
45) 1,1'-Biphenyl	8.73	154	1112796	46.14	ng		98
46) 2-Chloronaphthalene	8.75	162	874314	46.31	ng		95
47) 2-Nitroaniline	8.89	65	259963	46.42	ng	#	85
48) Acenaphthylene	9.26	152	1364123	43.47	ng		100
49) Dimethylphthalate	9.13	163	1062174	49.97	ng		100
50) 2,6-Dinitrotoluene	9.19	165	238278	48.90	ng	#	89
51) Acenaphthene	9.47	154	838300	45.79	ng		99
52) 3-Nitroaniline	9.39	138	87581	15.31	ng		89
53) 2,4-Dinitrophenol	9.53	184	255013	96.76	ng	#	72
54) Dibenzofuran	9.69	168	1174975	47.14	ng		99
55) 4-Nitrophenol	9.67	139	410463	91.60	ng		89
56) 2,4-Dinitrotoluene	9.69	165	287782	47.02	ng	#	85
57) Fluorene	10.10	166	918741	44.45	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	219912	51.18	ng		94
59) Diethylphthalate	10.00	149	1009048	48.03	ng		99
60) 4-Chlorophenyl-phenylether	10.11	204	397118	45.10	ng		96
61) 4-Nitroaniline	10.16	138	229939	41.88	ng		94
62) Azobenzene	10.31	77	955200	48.06	ng		95
64) 4,6-Dinitro-2-methylphenol	10.20	198	166614	51.95	ng	#	68
65) n-Nitrosodiphenylamine	10.27	169	851474	47.02	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	248862	48.32	ng		98
67) Hexachlorobenzene	10.78	284	248988	47.76	ng	#	86
68) Atrazine	10.94	200	251302	46.33	ng		97
69) Pentachlorophenol	11.04	266	228636	70.45	ng		98
70) Phenanthrene	11.28	178	1353354	46.46	ng		99
71) Anthracene	11.34	178	1381134	46.05	ng		99
72) Carbazole	11.56	167	1318307	42.86	ng		98
73) Di-n-butylphthalate	12.00	149	1561209	48.81	ng		99
74) Fluoranthene	12.74	202	1353412	45.37	ng		99
76) Benzidine	12.91	184	98209	6.13	ng	#	92
77) Pyrene	13.02	202	1371210	46.66	ng		100
79) Butylbenzylphthalate	13.84	149	657936	52.55	ng	#	87
80) Benzo(a)anthracene	14.49	228	1120174	47.44	ng		100
81) 3,3'-Dichlorobenzidine	14.46	252	203782	24.15	ng	#	97
82) Chrysene	14.53	228	996357	45.47	ng		99
83) Bis(2-ethylhexyl)phthalate	14.55	149	910583	53.31	ng		100
84) Di-n-octyl phthalate	15.31	149	1503318	52.68	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	888220	46.81	ng		99
87) Benzo(b)fluoranthene	15.72	252	939209	47.42	ng		99
88) Benzo(k)fluoranthene	15.76	252	915900	47.26	ng	#	94
89) Benzo(a)pyrene	16.06	252	856746	46.97	ng		98
90) Dibenzo(a,h)anthracene	17.43	278	734304	47.54	ng		99
91) Benzo(g,h,i)perylene	17.79	276	733695	47.13	ng		97

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

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