Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093997.D
Acq On : 28 Mar 2017 17:22
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Quant Time: Mar 29 03:37:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	5.93	152	187604	20.00	ng		-0.02	
21) Naphthalene-d8	7.44	136	772588	20.00	ng		-0.02	
38) Acenaphthene-d10	9.58	164	351849	20.00	ng		-0.02	
63) Phenanthrene-d10	11.40	188	580937	20.00	ng		-0.02	
75) Chrysene-d12	14.65	240	369083	20.00	ng		-0.03	
86) Perylene-d12	16.28	264	301275	20.00	ng		-0.03	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	4.46	112	856970	77.15	ng		-0.01	
7) Phenol-d6	5.54	99	1066118	77.59	ng		-0.01	
23) Nitrobenzene-d5	6.59	82	1076458	79.51	ng		-0.02	3/29/2017 1:56:46 PM
41) 2,4,6-Tribromophenol	10.55	330	227944	81.98	ng		-0.02	
44) 2-Fluorobiphenyl	8.76	172	1852783	80.32	ng		-0.02	
78) Terphenyl-d14	13.38	244	1556963	94.56	ng		-0.02	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.28	88	197020	36.92	ng		96	
3) Pyridine	2.79	79	553994	38.09	ng		98	
4) n-Nitrosodimethylamine	2.74	42	226105	37.78	ng		93	
6) Aniline	5.56	93	650203	34.02	ng	#	28	
8) 2-Chlorophenol	5.70	128	487706	39.95	ng		96	
9) Benzaldehyde	5.43	77	333315	35.92	ng		99	
10) Phenol	5.56	94	578574	37.00	ng		80	
11) bis(2-Chloroethyl)ether	5.64	93	491035	40.18	ng		98	
12) 1,3-Dichlorobenzene	5.86	146	542852	39.64	ng		98	
13) 1,4-Dichlorobenzene	5.95	146	550752	39.71	ng		97	
14) 1,2-Dichlorobenzene	6.13	146	503926	39.45	ng		97	
15) Benzyl Alcohol	6.10	79	382046	37.99	ng		99	
16) 2,2'-oxybis(1-Chloropropan	6.26	45	703288	37.35	ng		93	
17) 2-Methylphenol	6.25	107	415982	39.78	ng		96	
18) Hexachloroethane	6.52	117	192501	39.49	ng	#	85	
19) n-Nitroso-di-n-propylamine	6.42	70	346166	39.20	ng		97	
20) 3+4-Methylphenols	6.43	107	526451	41.57	ng	#	63	
22) Acetophenone	6.41	105	715938	41.58	ng	#	88	
24) Nitrobenzene	6.61	77	529400	39.65	ng		94	
25) Isophorone	6.90	82	946122	39.77	ng		96	
26) 2-Nitrophenol	6.98	139	283028	44.45	ng		97	
27) 2,4-Dimethylphenol	7.05	122	440488	40.15	ng		98	
28) bis(2-Chloroethoxy)methane	7.16	93	623302	39.73	ng		100	
29) 2,4-Dichlorophenol	7.28	162	418455	40.79	ng		99	
30) 1,2,4-Trichlorobenzene	7.37	180	430217	40.72	ng		98	
31) Naphthalene	7.46	128	1469776	39.56	ng		99	
32) Benzoic acid	7.22	122	319062	43.69	ng		97	
33) 4-Chloroaniline	7.53	127	613971	40.78	ng		95	
34) Hexachlorobutadiene	7.62	225	221248	40.83	ng		97	
35) Caprolactam	8.00	113	132539	40.52	ng		93	
36) 4-Chloro-3-methylphenol	8.15	107	433408	40.43	ng		89	
37) 2-Methylnaphthalene	8.30	142	984515	39.76	ng		99	
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	387309	40.24	ng		99	
40) Hexachlorocyclopentadiene	8.50	237	177430	39.39	ng		97	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
42) 2,4,6-Trichlorophenol	8.66	196	278577	40.91	ng		96	
43) 2,4,5-Trichlorophenol	8.71	196	304180	41.28	ng	#	93	
45) 1,1'-Biphenyl	8.88	154	1122292	39.55	ng		98	
46) 2-Chloronaphthalene	8.90	162	882078	39.71	ng		94	
47) 2-Nitroaniline	9.03	65	263719	40.02	ng		88	
48) Acenaphthylene	9.41	152	1431474	38.77	ng		99	mohammad
49) Dimethylphthalate	9.27	163	1015372	40.60	ng		99	
50) 2,6-Dinitrotoluene	9.33	165	237061	41.35	ng	#	88	
51) Acenaphthene	9.62	154	837651	38.88	ng		99	
52) 3-Nitroaniline	9.54	138	254552	37.81	ng		91	
53) 2,4-Dinitrophenol	9.66	184	110977	38.73	ng	#	74	3/29/2017 1:56:46 PM
54) Dibenzofuran	9.83	168	1111517	37.90	ng		100	
55) 4-Nitrophenol	9.77	139	187017	35.47	ng	#	70	
56) 2,4-Dinitrotoluene	9.83	165	270060	37.50	ng	#	70	
57) Fluorene	10.26	166	889271	36.56	ng		98	
58) 2,3,4,6-Tetrachlorophenol	9.99	232	201773	39.91	ng		97	
59) Diethylphthalate	10.14	149	977864	39.56	ng		98	
60) 4-Chlorophenyl-phenylether	10.26	204	390141	37.66	ng		94	
61) 4-Nitroaniline	10.29	138	241574	37.39	ng		95	
62) Azobenzene	10.46	77	885455	37.87	ng		95	
64) 4,6-Dinitro-2-methylphenol	10.33	198	146320	41.13	ng	#	67	
65) n-Nitrosodiphenylamine	10.41	169	816229	40.63	ng		99	
66) 4-Bromophenyl-phenylether	10.86	248	243414	42.60	ng		96	
67) Hexachlorobenzene	10.93	284	247105	42.72	ng	#	94	
68) Atrazine	11.08	200	233687	38.84	ng		95	
69) Pentachlorophenol	11.17	266	135523	37.65	ng		96	
70) Phenanthrene	11.43	178	1263751	39.11	ng		99	
71) Anthracene	11.50	178	1311777	39.42	ng		98	
72) Carbazole	11.70	167	1256271	36.82	ng		99	
73) Di-n-butylphthalate	12.14	149	1479527	41.70	ng		100	
74) Fluoranthene	12.89	202	1225635	37.04	ng		98	
77) Pyrene	13.17	202	1222414	45.64	ng		100	
79) Butylbenzylphthalate	13.99	149	562449	49.28	ng	#	86	
80) Benzo(a)anthracene	14.64	228	871844	40.51	ng		99	
81) 3,3'-Dichlorobenzidine	14.62	252	217248	28.24	ng	#	96	
82) Chrysene	14.69	228	801154	40.11	ng		99	
83) Bis(2-ethylhexyl)phthalate	14.70	149	796820	51.17	ng		100	
84) Di-n-octyl phthalate	15.46	149	1222523	47.00	ng		98	
85) Indeno(1,2,3-cd)pyrene	17.65	276	789405	45.64	ng		99	
87) Benzo(b)fluoranthene	15.87	252	721615	39.08	ng		98	
88) Benzo(k)fluoranthene	15.90	252	711131m	39.36	ng			
89) Benzo(a)pyrene	16.22	252	685748	40.32	ng		99	
90) Dibenzo(a,h)anthracene	17.67	278	658929	45.75	ng		99	
91) Benzo(g,h,i)perylene	18.06	276	669873	46.15	ng		96	

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

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