Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096056.D
Acq On : 20 Jun 2017 21:20
Operator : SJ/MA
Sample : I3759-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-061617MS

Manual Integrations APPROVED

Quant Time: Jun 21 01:55:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.29	152	70703	20.00	ng		0.00	
21) Naphthalene-d8	9.33	136	262474	20.00	ng		0.00	
38) Acenaphthene-d10	12.15	164	103425	20.00	ng		0.00	
63) Phenanthrene-d10	14.54	188	156560	20.00	ng		0.00	
75) Chrysene-d12	18.30	240	99446	20.00	ng		0.02	
86) Perylene-d12	19.96	264	85849	20.00	ng		0.02	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.19	112	567762	127.96	ng		0.01	
7) Phenol-d6	6.88	99	633739	119.30	ng		0.00	
23) Nitrobenzene-d5	8.22	82	374658	88.65	ng		0.00	6/21/2017 2:16:51 PM
41) 2,4,6-Tribromophenol	13.45	330	99027	108.22	ng		0.00	
44) 2-Fluorobiphenyl	11.11	172	668552	89.95	ng		0.00	
78) Terphenyl-d14	16.94	244	439615	109.71	ng		0.01	
Target Compounds							Qvalue	
2) 1,4-Dioxane	1.66	88	73412	34.78	ng		94	
3) Pyridine	2.19	79	185598m	37.41	ng			
4) n-Nitrosodimethylamine	2.16	42	84291	44.69	ng	#	83	
6) Aniline	6.80	93	119226	17.16	ng		96	
8) 2-Chlorophenol	6.99	128	206550	43.78	ng		93	
9) Benzaldehyde	6.60	77	55577	15.51	ng		93	
10) Phenol	6.90	94	253249	45.96	ng		88	
11) bis(2-Chloroethyl)ether	6.94	93	198618	45.50	ng		97	
12) 1,3-Dichlorobenzene	7.19	146	216934	40.62	ng		98	
13) 1,4-Dichlorobenzene	7.32	146	222633	41.11	ng		98	
14) 1,2-Dichlorobenzene	7.55	146	210324	42.13	ng		96	
15) Benzyl Alcohol	7.61	79	154654	42.42	ng		95	
16) 2,2'-oxybis(1-Chloropropan	7.80	45	261200	42.59	ng		96	
17) 2-Methylphenol	7.85	107	167531	42.31	ng		92	
18) Hexachloroethane	8.07	117	56724	31.72	ng		88	
19) n-Nitroso-di-n-propylamine	8.04	70	142073	42.20	ng		91	
20) 3+4-Methylphenols	8.13	107	219677	43.71	ng	#	59	
22) Acetophenone	7.99	105	274772	44.73	ng	#	84	
24) Nitrobenzene	8.25	77	195781	43.37	ng		92	
25) Isophorone	8.65	82	336488	42.64	ng		96	
26) 2-Nitrophenol	8.76	139	95253	40.29	ng		98	
27) 2,4-Dimethylphenol	8.92	122	170060	46.35	ng		98	
28) bis(2-Chloroethoxy)methane	9.03	93	230085	44.23	ng		99	
29) 2,4-Dichlorophenol	9.22	162	153631	43.48	ng		97	
30) 1,2,4-Trichlorobenzene	9.26	180	156611	42.60	ng		98	
31) Naphthalene	9.36	128	605488	45.97	ng		99	
32) Benzoic acid	9.29	122	68358	31.75	ng		95	
33) 4-Chloroaniline	9.54	127	75465	14.66	ng		95	
34) Hexachlorobutadiene	9.58	225	81801	43.06	ng		96	
35) Caprolactam	10.15	113	46818	44.53	ng		96	
36) 4-Chloro-3-methylphenol	10.42	107	153466	41.49	ng		99	
37) 2-Methylnaphthalene	10.49	142	397050	44.61	ng		98	
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	136082	43.96	ng		98	
40) Hexachlorocyclopentadiene	10.74	237	1518m	12.59	ng			

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
42) 2,4,6-Trichlorophenol	11.01	196	91383	45.92	ng		97	
43) 2,4,5-Trichlorophenol	11.11	196	86872	41.04	ng		93	
45) 1,1'-Biphenyl	11.26	154	396955	46.57	ng		98	
46) 2-Chloronaphthalene	11.27	162	290154	43.57	ng		94	
47) 2-Nitroaniline	11.50	65	87611	44.95	ng	#	82	
48) Acenaphthylene	11.93	152	914917	80.33	ng		100	mohammad
49) Dimethylphthalate	11.82	163	439848	56.01	ng		99	
50) 2,6-Dinitrotoluene	11.92	165	60499	35.32	ng	#	58	
51) Acenaphthene	12.20	154	349099	53.07	ng		98	
52) 3-Nitroaniline	12.18	138	60562	30.35	ng		88	
54) Dibenzofuran	12.49	168	472192	51.01	ng		98	6/21/2017 2:16:51 PM
55) 4-Nitrophenol	12.62	139	58012	51.54	ng	#	70	
56) 2,4-Dinitrotoluene	12.60	165	78926	34.12	ng	#	94	
57) Fluorene	13.04	166	450070	55.87	ng		98	
58) 2,3,4,6-Tetrachlorophenol	12.75	232	61721	42.61	ng		92	
59) Diethylphthalate	12.96	149	321069	42.48	ng		99	
60) 4-Chlorophenyl-phenylether	13.07	204	137331	39.20	ng		91	
61) 4-Nitroaniline	13.18	138	70955	38.08	ng		95	
62) Azobenzene	13.33	77	273095	39.87	ng		93	
64) 4,6-Dinitro-2-methylphenol	13.30	198	8939	8.69	ng	#	42	
65) n-Nitrosodiphenylamine	13.29	169	264936	47.09	ng		98	
66) 4-Bromophenyl-phenylether	13.85	248	74659	45.88	ng		98	
67) Hexachlorobenzene	13.95	284	69900	43.60	ng	#	91	
68) Atrazine	14.22	200	74483	47.57	ng		98	
69) Pentachlorophenol	14.32	266	43028	71.54	ng		99	
70) Phenanthrene	14.60	178	1377007	152.44	ng		99	
71) Anthracene	14.68	178	860055	91.20	ng		98	
72) Carbazole	14.97	167	403270	43.88	ng		98	
73) Di-n-butylphthalate	15.57	149	455990	46.64	ng		98	
74) Fluoranthene	16.40	202	1542763	172.55	ng		98	
76) Benzidine	16.64	184	8929	2.34	ng	#	56	
77) Pyrene	16.71	202	2083440	280.78	ng		99	
79) Butylbenzylphthalate	17.61	149	183127	56.51	ng		90	
80) Benzo(a)anthracene	18.29	228	990713	171.35	ng		93	
81) 3,3'-Dichlorobenzidine	18.27	252	57734	28.09	ng		96	
82) Chrysene	18.33	228	985401m	170.54	ng			
83) Bis(2-ethylhexyl)phthalate	18.36	149	253103	55.37	ng	#	100	
84) Di-n-octyl phthalate	19.13	149	403205	53.53	ng	#	98	
85) Indeno(1,2,3-cd)pyrene	21.14	276	461755	93.40	ng		97	
87) Benzo(b)fluoranthene	19.57	252	809754m	150.64	ng			
88) Benzo(k)fluoranthene	19.59	252	377615m	73.49	ng			
89) Benzo(a)pyrene	19.92	252	672393	136.09	ng		96	
90) Dibenzo(a,h)anthracene	21.13	278	267450	63.81	ng		93	
91) Benzo(g,h,i)perylene	21.47	276	435744	101.98	ng		95	

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

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