Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094410.D
Acq On : 14 Apr 2017 00:18
Operator : SJ/MA
Sample : I2672-04MS 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Z8-BASEMS

Manual Integrations APPROVED
mohammad
4/14/2017 1:36:40 PM

Quant Time: Apr 14 07:34:55 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	134721	20.00	ng		-0.04
21) Naphthalene-d8	7.29	136	523311	20.00	ng		-0.05
38) Acenaphthene-d10	9.42	164	217842	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	337800	20.00	ng		-0.05
75) Chrysene-d12	14.49	240	262255	20.00	ng		-0.06
86) Perylene-d12	16.12	264	198625	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	129340	16.22	ng		-0.04
7) Phenol-d6	5.41	99	160855	16.30	ng		-0.05
23) Nitrobenzene-d5	6.43	82	90133	9.83	ng		-0.06
41) 2,4,6-Tribromophenol	10.40	330	21228	12.33	ng		-0.05
44) 2-Fluorobiphenyl	8.60	172	180066	12.61	ng		-0.05
78) Terphenyl-d14	13.22	244	109189	9.33	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	16625	4.34	ng		90
3) Pyridine	2.62	79	35087	3.36	ng		90
4) n-Nitrosodimethylamine	2.56	42	19491	4.54	ng		93
6) Aniline	5.40	93	42053	3.06	ng		90
8) 2-Chlorophenol	5.55	128	47765	5.45	ng		98
10) Phenol	5.43	94	66175	5.89	ng		88
11) bis(2-Chloroethyl)ether	5.49	93	44080	5.02	ng		97
12) 1,3-Dichlorobenzene	5.72	146	51079	5.19	ng		99
13) 1,4-Dichlorobenzene	5.80	146	52088	5.23	ng		98
14) 1,2-Dichlorobenzene	5.98	146	50656	5.52	ng		95
15) Benzyl Alcohol	5.96	79	36026	4.99	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.12	45	60625	4.48	ng	#	42
17) 2-Methylphenol	6.11	107	38333	5.11	ng		95
18) Hexachloroethane	6.37	117	11297	3.23	ng	#	86
19) n-Nitroso-di-n-propylamine	6.26	70	32540	5.13	ng	#	95
20) 3+4-Methylphenols	6.29	107	49581	5.45	ng	#	59
22) Acetophenone	6.25	105	67829	5.82	ng	#	85
24) Nitrobenzene	6.45	77	45425	5.02	ng		93
25) Isophorone	6.74	82	80104	4.97	ng		95
26) 2-Nitrophenol	6.83	139	11995	2.78	ng		95
27) 2,4-Dimethylphenol	6.92	122	41408	5.57	ng		96
28) bis(2-Chloroethoxy)methane	7.01	93	54136	5.09	ng		97
29) 2,4-Dichlorophenol	7.15	162	36025	5.18	ng		98
30) 1,2,4-Trichlorobenzene	7.22	180	38925	5.44	ng		94
31) Naphthalene	7.31	128	135852	5.40	ng		98
33) 4-Chloroaniline	7.39	127	41464	4.07	ng	#	92
34) Hexachlorobutadiene	7.47	225	20514	5.59	ng		97
35) Caprolactam	7.77	113	7257	3.28	ng	#	87
36) 4-Chloro-3-methylphenol	8.01	107	35660	4.91	ng		89
37) 2-Methylnaphthalene	8.16	142	90161	5.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.36	216	35471	5.95	ng		96
42) 2,4,6-Trichlorophenol	8.52	196	21251	5.04	ng		93
43) 2,4,5-Trichlorophenol	8.57	196	21059	4.62	ng		92
45) 1,1'-Biphenyl	8.73	154	101398	5.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	8.75	162	79468	5.78	ng		97
47) 2-Nitroaniline	8.87	65	22266	5.46	ng	#	86
48) Acenaphthylene	9.25	152	122621	5.36	ng		97
49) Dimethylphthalate	9.11	163	102716	6.63	ng		98
50) 2,6-Dinitrotoluene	9.17	165	12920	3.64	ng	#	83
51) Acenaphthene	9.46	154	70819	5.31	ng		97
52) 3-Nitroaniline	9.38	138	21865	5.25	ng		94
54) Dibenzofuran	9.67	168	106630	5.87	ng		97
55) 4-Nitrophenol	9.65	139	13241m	4.06	ng		
56) 2,4-Dinitrotoluene	9.67	165	14532	3.26	ng	#	52
57) Fluorene	10.10	166	83224	5.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	11625	3.71	ng	#	95
59) Diethylphthalate	9.97	149	85625	5.59	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	37504	5.85	ng		92
61) 4-Nitroaniline	10.13	138	21478	5.37	ng		91
62) Azobenzene	10.30	77	75535	5.22	ng		95
65) n-Nitrosodiphenylamine	10.25	169	70358	6.02	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	20158	6.07	ng		98
67) Hexachlorobenzene	10.77	284	18731	5.57	ng	#	90
68) Atrazine	10.92	200	18909	5.40	ng		95
69) Pentachlorophenol	11.03	266	4377	2.09	ng	#	85
70) Phenanthrene	11.27	178	102605	5.46	ng		96
71) Anthracene	11.33	178	104448	5.40	ng		99
72) Carbazole	11.55	167	94616	4.77	ng		97
73) Di-n-butylphthalate	11.99	149	123047	5.96	ng		98
74) Fluoranthene	12.73	202	95427	4.96	ng		98
76) Benzidine	12.91	184	46578	4.49	ng	#	93
77) Pyrene	13.01	202	96007	5.04	ng		96
79) Butylbenzylphthalate	13.83	149	44916	5.54	ng		88
80) Benzo(a)anthracene	14.48	228	76273	4.99	ng		95
81) 3,3'-Dichlorobenzidine	14.46	252	25024	4.58	ng	#	96
82) Chrysene	14.52	228	70227	4.95	ng		96
83) Bis(2-ethylhexyl)phthalate	14.55	149	68927	6.23	ng	#	96
84) Di-n-octyl phthalate	15.30	149	110779	5.99	ng		98
85) Indeno(1,2,3-cd)pyrene	17.40	276	57674	4.69	ng		100
87) Benzo(b)fluoranthene	15.72	252	65699	5.40	ng		98
88) Benzo(k)fluoranthene	15.74	252	63938	5.37	ng		97
89) Benzo(a)pyrene	16.06	252	59407	5.30	ng		98
90) Dibenzo(a,h)anthracene	17.42	278	49002	5.16	ng		98
91) Benzo(g,h,i)perylene	17.77	276	45443	4.75	ng		94

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

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