Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096595.D
Acq On : 10 Jul 2017 12:34
Operator : SJ/JU
Sample : I4061-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-AMS

Manual Integrations APPROVED
mohammad
7/11/2017 1:35:02 PM

Quant Time: Jul 11 02:00:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121132	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	503384	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	228110	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	407597	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	264777	20.00	ng		-0.02
86) Perylene-d12	15.22	264	231914	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	927978	113.07	ng		0.00
7) Phenol-d6	6.33	99	1112903	110.30	ng		-0.01
23) Nitrobenzene-d5	7.25	82	743694	88.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	256299	143.84	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1289081	96.62	ng		-0.02
78) Terphenyl-d14	12.78	244	1063122	85.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	113857	29.26	ng	#	66
3) Pyridine	3.18	79	237400	22.23	ng	#	62
4) n-Nitrosodimethylamine	3.10	42	190443	36.14	ng	#	84
6) Aniline	6.35	93	82500	6.33	ng	#	1
8) 2-Chlorophenol	6.47	128	366591	41.89	ng		92
9) Benzaldehyde	6.23	77	64848	10.27	ng		98
10) Phenol	6.35	94	405567	35.28	ng		98
11) bis(2-Chloroethyl)ether	6.43	93	377371	42.48	ng		92
12) 1,3-Dichlorobenzene	6.63	146	357262	38.93	ng		99
13) 1,4-Dichlorobenzene	6.70	146	366226	39.93	ng		96
14) 1,2-Dichlorobenzene	6.86	146	341371	40.54	ng		98
15) Benzyl Alcohol	6.83	79	298542	44.27	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	778847	43.13	ng		93
17) 2-Methylphenol	6.95	107	309311	44.35	ng		97
18) Hexachloroethane	7.20	117	129440	38.93	ng	#	81
19) n-Nitroso-di-n-propylamine	7.11	70	249627	41.53	ng	#	84
20) 3+4-Methylphenols	7.10	107	357372	45.94	ng		93
22) Acetophenone	7.10	105	500502	45.50	ng	#	97
24) Nitrobenzene	7.27	77	383466	43.63	ng		91
25) Isophorone	7.52	82	724064	44.58	ng		96
26) 2-Nitrophenol	7.59	139	216388	46.52	ng		89
27) 2,4-Dimethylphenol	7.63	122	350054	44.20	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	477858	44.57	ng		100
29) 2,4-Dichlorophenol	7.83	162	323938	47.41	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	288231	44.71	ng		97
31) Naphthalene	7.99	128	1079178	45.41	ng		99
32) Benzoic acid	7.77	122	257753	38.75	ng		92
33) 4-Chloroaniline	8.04	127	90593	9.18	ng		94
34) Hexachlorobutadiene	8.11	225	144937	43.84	ng		97
35) Caprolactam	8.42	113	100354m	42.59	ng		
36) 4-Chloro-3-methylphenol	8.53	107	344758	45.60	ng		88
37) 2-Methylnaphthalene	8.68	142	741737	49.03	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	248127	41.89	ng		98
40) Hexachlorocyclopentadiene	8.84	237	255191	88.61	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	207403	44.26	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	216452	46.72	ng		98
45) 1,1'-Biphenyl	9.15	154	821748	42.04	ng		97
46) 2-Chloronaphthalene	9.17	162	643552	44.18	ng		94
47) 2-Nitroaniline	9.26	65	239153	45.12	ng		95
48) Acenaphthylene	9.58	152	1044408	45.25	ng		99
49) Dimethylphthalate	9.45	163	793542	46.60	ng		99
50) 2,6-Dinitrotoluene	9.51	165	176432	46.85	ng		92
51) Acenaphthene	9.75	154	608407	42.77	ng		99
52) 3-Nitroaniline	9.67	138	95546	20.34	ng	#	90
53) 2,4-Dinitrophenol	9.79	184	188300	94.15	ng	#	70
54) Dibenzofuran	9.93	168	904949	48.18	ng		99
55) 4-Nitrophenol	9.85	139	306957	78.85	ng	#	72
56) 2,4-Dinitrotoluene	9.91	165	241188	50.58	ng	#	75
57) Fluorene	10.27	166	655236	49.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	172566	53.84	ng		96
59) Diethylphthalate	10.15	149	768989	47.78	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	273706	47.42	ng		93
61) 4-Nitroaniline	10.29	138	185527	43.44	ng		91
62) Azobenzene	10.42	77	757617	48.68	ng		93
64) 4,6-Dinitro-2-methylphenol	10.32	198	130911	46.57	ng		82
65) n-Nitrosodiphenylamine	10.38	169	631963	44.19	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	185741	46.81	ng		96
67) Hexachlorobenzene	10.82	284	193306	44.50	ng	#	89
68) Atrazine	10.91	200	180930	44.28	ng		95
69) Pentachlorophenol	11.01	266	217072	84.32	ng		95
70) Phenanthrene	11.22	178	1009032	45.79	ng		99
71) Anthracene	11.27	178	1038076	46.23	ng		99
72) Carbazole	11.43	167	993752	44.01	ng		99
73) Di-n-butylphthalate	11.77	149	1210309	44.25	ng		99
74) Fluoranthene	12.40	202	1021530	47.29	ng		98
76) Benzidine	12.52	184	27980	2.20	ng		98
77) Pyrene	12.63	202	1044551	49.15	ng		99
79) Butylbenzylphthalate	13.26	149	528681	49.14	ng	#	80
80) Benzo(a)anthracene	13.82	228	751485	49.01	ng		98
81) 3,3'-Dichlorobenzidine	13.78	252	131801	20.93	ng	#	96
82) Chrysene	13.86	228	779924	48.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	588473	49.00	ng		99
84) Di-n-octyl phthalate	14.43	149	1175544	49.71	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.56	276	598200	47.20	ng		97
87) Benzo(b)fluoranthene	14.83	252	713347	49.09	ng		100
88) Benzo(k)fluoranthene	14.86	252	597888	46.00	ng		97
89) Benzo(a)pyrene	15.17	252	608031	46.87	ng		98
90) Dibenzo(a,h)anthracene	16.58	278	484209	47.44	ng		97
91) Benzo(g,h,i)perylene	16.97	276	539381	51.00	ng		98

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

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