Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096448.D
Acq On : 3 Jul 2017 18:29
Operator : SJ/MA
Sample : I3979-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-MH2095-COMPMS

Manual Integrations APPROVED
mohammad
7/5/2017 11:41:32 AM

Quant Time: Jul 04 06:57:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	130964	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	449912	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	167847	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	250106	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	213199	20.00	ng		0.00
86) Perylene-d12	15.28	264	158373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	634537	71.51	ng		0.00
7) Phenol-d6	6.37	99	851015	78.02	ng		0.00
23) Nitrobenzene-d5	7.29	82	462359	61.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	113200	86.34	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	690713	70.36	ng		-0.01
78) Terphenyl-d14	12.82	244	494955	49.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	88849	21.117	ng	#	78
3) Pyridine	3.12	79	250564	21.705	ng	#	64
4) n-Nitrosodimethylamine	3.05	42	144315	25.327	ng		90
6) Aniline	6.39	93	317628	22.529	ng	#	92
8) 2-Chlorophenol	6.51	128	236419	24.986	ng		92
9) Benzaldehyde	6.27	77	96944	14.200	ng		99
10) Phenol	6.38	94	336062	27.043	ng		84
11) bis(2-Chloroethyl)ether	6.46	93	259560	27.027	ng		95
12) 1,3-Dichlorobenzene	6.67	146	268621	27.075	ng		98
13) 1,4-Dichlorobenzene	6.75	146	270725	27.301	ng		97
14) 1,2-Dichlorobenzene	6.90	146	228520	25.098	ng		97
15) Benzyl Alcohol	6.87	79	178657	24.501	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	467952	23.968	ng		91
17) 2-Methylphenol	6.99	107	180477	23.933	ng		98
18) Hexachloroethane	7.24	117	68710	19.112	ng	#	81
19) n-Nitroso-di-n-propylamine	7.14	70	149642	23.027	ng	#	85
20) 3+4-Methylphenols	7.14	107	221660	26.354	ng	#	90
22) Acetophenone	7.13	105	299916	30.508	ng	#	93
24) Nitrobenzene	7.30	77	233586	29.739	ng		92
25) Isophorone	7.55	82	440078	30.315	ng		96
26) 2-Nitrophenol	7.62	139	60983	14.669	ng		90
27) 2,4-Dimethylphenol	7.67	122	220264	31.116	ng		94
28) bis(2-Chloroethoxy)methane	7.76	93	308302	32.172	ng		99
29) 2,4-Dichlorophenol	7.87	162	174409	28.556	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	181318	31.472	ng		95
31) Naphthalene	8.03	128	616221	29.012	ng		99
32) Benzoic acid	7.72	122	13120m	2.207	ng		
33) 4-Chloroaniline	8.07	127	219675	24.900	ng		97
34) Hexachlorobutadiene	8.16	225	87019	29.448	ng		96
35) Caprolactam	8.43	113	52395m	24.878	ng		
36) 4-Chloro-3-methylphenol	8.56	107	162115	23.988	ng		94
37) 2-Methylnaphthalene	8.72	142	386636	28.597	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	138346	31.744	ng		99
40) Hexachlorocyclopentadiene	8.87	237	17838	8.418	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	88708	25.730	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	91579	26.865	ng		97
45) 1,1'-Biphenyl	9.19	154	425992	29.621	ng		99
46) 2-Chloronaphthalene	9.21	162	314849	29.377	ng		96
47) 2-Nitroaniline	9.30	65	110122	28.238	ng		94
48) Acenaphthylene	9.62	152	481841	28.373	ng		99
49) Dimethylphthalate	9.48	163	537520	42.899	ng		99
50) 2,6-Dinitrotoluene	9.54	165	58671	21.175	ng	#	89
51) Acenaphthene	9.79	154	276597	26.423	ng		99
52) 3-Nitroaniline	9.70	138	104308	30.182	ng		97
54) Dibenzofuran	9.96	168	420293	30.410	ng		98
55) 4-Nitrophenol	9.87	139	104516	36.487	ng	#	73
56) 2,4-Dinitrotoluene	9.94	165	64967	18.515	ng	#	81
57) Fluorene	10.30	166	293315	30.050	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	66096	28.025	ng		97
59) Diethylphthalate	10.18	149	353425	29.842	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	129736	30.548	ng		96
61) 4-Nitroaniline	10.32	138	96293	30.643	ng		90
62) Azobenzene	10.46	77	292721	25.561	ng		93
64) 4,6-Dinitro-2-methylphenol	10.35	198	4094	2.373	ng		78
65) n-Nitrosodiphenylamine	10.42	169	271177	30.902	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	75399	30.969	ng		98
67) Hexachlorobenzene	10.86	284	77352	29.023	ng	#	89
68) Atrazine	10.95	200	73989	29.512	ng		94
69) Pentachlorophenol	11.05	266	76618	48.505	ng		98
70) Phenanthrene	11.26	178	405458	29.989	ng		99
71) Anthracene	11.32	178	424302	30.797	ng		98
72) Carbazole	11.47	167	411843	29.724	ng		98
73) Di-n-butylphthalate	11.81	149	493306	29.394	ng	#	98
74) Fluoranthene	12.45	202	429222	32.380	ng		97
76) Benzidine	12.57	184	326120	31.879	ng	#	92
77) Pyrene	12.67	202	447473	26.148	ng		99
79) Butylbenzylphthalate	13.30	149	216700	25.015	ng	#	80
80) Benzo(a)anthracene	13.86	228	351491	28.470	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	134808	26.585	ng	#	95
82) Chrysene	13.90	228	349229	27.012	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	285252	29.499	ng		99
84) Di-n-octyl phthalate	14.47	149	537116	28.207	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.64	276	238409	23.361	ng		99
87) Benzo(b)fluoranthene	14.88	252	278886	28.103	ng		98
88) Benzo(k)fluoranthene	14.91	252	278620	31.387	ng		96
89) Benzo(a)pyrene	15.22	252	257917	29.111	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	201320	28.884	ng		96
91) Benzo(g,h,i)perylene	17.06	276	194775	26.968	ng		97

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

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