Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096657.D
Acq On : 11 Jul 2017 21:15
Operator : SJ/JU
Sample : I4120-05MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-COMPMS

Manual Integrations APPROVED
mohammad
7/12/2017 4:50:12 PM

Quant Time: Jul 12 03:49:54 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	93940	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	426183	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	178526	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	259050	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	182377	20.00	ng		-0.02
86) Perylene-d12	15.23	264	195312	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	830000	130.41	ng		0.00
7) Phenol-d6	6.33	99	969740	123.94	ng		-0.01
23) Nitrobenzene-d5	7.25	82	626877	88.39	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	182403	130.80	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1045211	100.10	ng		-0.02
78) Terphenyl-d14	12.78	244	709859	83.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	120412	39.899	ng	#	68
3) Pyridine	3.13	79	224316	27.090	ng	#	68
4) n-Nitrosodimethylamine	3.06	42	184451	45.129	ng		82
6) Aniline	6.35	93	88649	8.766	ng	#	1
8) 2-Chlorophenol	6.47	128	321259	47.333	ng		93
9) Benzaldehyde	6.23	77	149224	30.473	ng		97
10) Phenol	6.35	94	353387	39.644	ng		98
11) bis(2-Chloroethyl)ether	6.43	93	316495	45.944	ng		91
12) 1,3-Dichlorobenzene	6.63	146	308256	43.315	ng		98
13) 1,4-Dichlorobenzene	6.70	146	315368	44.337	ng		95
14) 1,2-Dichlorobenzene	6.86	146	290564	44.490	ng		98
15) Benzyl Alcohol	6.83	79	238111	45.525	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	664955	47.482	ng		93
17) 2-Methylphenol	6.95	107	251509	46.498	ng		99
18) Hexachloroethane	7.20	117	114839	44.533	ng	#	81
19) n-Nitroso-di-n-propylamine	7.11	70	215537	46.239	ng	#	87
20) 3+4-Methylphenols	7.10	107	307139	50.909	ng		92
22) Acetophenone	7.10	105	426971	45.851	ng	#	98
24) Nitrobenzene	7.27	77	325098	43.694	ng		91
25) Isophorone	7.51	82	604747	43.978	ng		96
26) 2-Nitrophenol	7.59	139	172110	43.704	ng		91
27) 2,4-Dimethylphenol	7.63	122	292797	43.665	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	405769	44.700	ng		99
29) 2,4-Dichlorophenol	7.83	162	264644	45.743	ng		97
30) 1,2,4-Trichlorobenzene	7.91	180	248454	45.526	ng		98
31) Naphthalene	7.99	128	933859	46.415	ng		100
32) Benzoic acid	7.76	122	193193	34.305	ng		93
33) 4-Chloroaniline	8.04	127	67451	8.071	ng		96
34) Hexachlorobutadiene	8.12	225	126739	45.278	ng		97
35) Caprolactam	8.41	113	79958m	40.079	ng		
36) 4-Chloro-3-methylphenol	8.53	107	280100	43.755	ng		89
37) 2-Methylnaphthalene	8.68	142	633957	49.500	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	215267	46.439	ng		99
40) Hexachlorocyclopentadiene	8.84	237	107174	47.550	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	153141	41.762	ng		95
43) 2,4,5-Trichlorophenol	9.00	196	169122	46.645	ng		99
45) 1,1'-Biphenyl	9.15	154	687178	44.924	ng		97
46) 2-Chloronaphthalene	9.17	162	527845	46.304	ng		93
47) 2-Nitroaniline	9.26	65	194109	46.797	ng		95
48) Acenaphthylene	9.58	152	834519	46.200	ng		100
49) Dimethylphthalate	9.45	163	654593	49.117	ng		99
50) 2,6-Dinitrotoluene	9.51	165	140173	47.563	ng	#	90
51) Acenaphthene	9.75	154	493586	44.331	ng		99
52) 3-Nitroaniline	9.67	138	67524	18.370	ng		91
53) 2,4-Dinitrophenol	9.78	184	71077	45.408	ng	#	75
54) Dibenzofuran	9.93	168	680641	46.302	ng		100
55) 4-Nitrophenol	9.85	139	213447	70.059	ng	#	67
56) 2,4-Dinitrotoluene	9.91	165	176451	47.279	ng	#	77
57) Fluorene	10.27	166	481534	46.381	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	117722	46.929	ng	#	99
59) Diethylphthalate	10.15	149	570858	45.318	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	204453	45.262	ng		93
61) 4-Nitroaniline	10.28	138	123720	37.016	ng		90
62) Azobenzene	10.42	77	523572	42.984	ng		91
64) 4,6-Dinitro-2-methylphenol	10.32	198	47465	26.568	ng	#	78
65) n-Nitrosodiphenylamine	10.38	169	450108	49.521	ng		98
66) 4-Bromophenyl-phenylether	10.74	248	130277	51.662	ng		95
67) Hexachlorobenzene	10.82	284	134038	48.556	ng	#	89
68) Atrazine	10.91	200	122920	47.337	ng		96
69) Pentachlorophenol	11.01	266	135638	82.904	ng		97
70) Phenanthrene	11.22	178	685123	48.925	ng		99
71) Anthracene	11.27	178	694071	48.638	ng		99
72) Carbazole	11.43	167	654456	45.603	ng		99
73) Di-n-butylphthalate	11.77	149	834539	48.010	ng		99
74) Fluoranthene	12.40	202	647571	47.166	ng		97
76) Benzidine	12.52	184	41788	4.775	ng	#	92
77) Pyrene	12.63	202	649613	44.376	ng		99
79) Butylbenzylphthalate	13.26	149	348351	47.008	ng	#	80
80) Benzo(a)anthracene	13.82	228	513734	48.644	ng		98
81) 3,3'-Dichlorobenzidine	13.78	252	118979	27.429	ng	#	96
82) Chrysene	13.86	228	539967	48.823	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	403348	48.762	ng		98
84) Di-n-octyl phthalate	14.43	149	775436	47.604	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	490054	56.135	ng		99
87) Benzo(b)fluoranthene	14.83	252	530542	43.351	ng		98
88) Benzo(k)fluoranthene	14.86	252	531150	48.519	ng		96
89) Benzo(a)pyrene	15.17	252	526662	48.202	ng		100
90) Dibenzo(a,h)anthracene	16.59	278	408087	47.476	ng		96
91) Benzo(g,h,i)perylene	16.97	276	413626	46.438	ng		99

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

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