Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103262.D
Acq On : 27 Feb 2018 14:55
Operator : SJ/JU
Sample : J1702-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-AMSD

Manual Integrations APPROVED
Sohil
2/28/2018 11:17:36 AM

Quant Time: Feb 27 17:17:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144408	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	609687	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	267908	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	425177	20.00	ng		0.00
75) Chrysene-d12	14.06	240	245765	20.00	ng		0.00
86) Perylene-d12	15.56	264	264689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1131551	118.51	ng		0.01
7) Phenol-d6	6.52	99	1368232	117.11	ng		0.00
23) Nitrobenzene-d5	7.44	82	901118	84.41	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	252000	111.13	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1330988	85.75	ng		0.00
78) Terphenyl-d14	12.99	244	971000	94.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	183152	36.318	ng		90
3) Pyridine	3.48	79	504545	37.476	ng		95
4) n-Nitrosodimethylamine	3.42	42	254359	46.846	ng		99
6) Aniline	6.54	93	540635	32.063	ng		95
8) 2-Chlorophenol	6.66	128	431590	43.512	ng		95
9) Benzaldehyde	6.43	77	215031	27.716	ng		100
10) Phenol	6.53	94	558180	41.154	ng		88
11) bis(2-Chloroethyl)ether	6.61	93	448168	43.536	ng		91
12) 1,3-Dichlorobenzene	6.82	146	455422	40.178	ng		99
13) 1,4-Dichlorobenzene	6.89	146	459619	40.444	ng		100
14) 1,2-Dichlorobenzene	7.05	146	419909	40.072	ng		99
15) Benzyl Alcohol	7.02	79	371114	42.152	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	752138	42.548	ng		96
17) 2-Methylphenol	7.13	107	376929	41.816	ng		98
18) Hexachloroethane	7.38	117	166126	40.155	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	296457	40.770	ng		97
20) 3+4-Methylphenols	7.28	107	423309	38.525	ng	#	70
22) Acetophenone	7.29	105	566959	39.839	ng	#	89
24) Nitrobenzene	7.46	77	490356	41.717	ng		98
25) Isophorone	7.70	82	906878	43.130	ng		99
26) 2-Nitrophenol	7.77	139	253108	45.741	ng		97
27) 2,4-Dimethylphenol	7.81	122	394784	46.675	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	567477	45.904	ng		99
29) 2,4-Dichlorophenol	8.02	162	362934	44.819	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	351540	40.766	ng		100
31) Naphthalene	8.18	128	1219648	40.860	ng		100
33) 4-Chloroaniline	8.23	127	307189	23.849	ng		98
34) Hexachlorobutadiene	8.29	225	176333	39.268	ng		96
35) Caprolactam	8.60	113	129377m	45.459	ng		
36) 4-Chloro-3-methylphenol	8.72	107	407268	44.590	ng		98
37) 2-Methylnaphthalene	8.87	142	798684	41.402	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	301570	41.175	ng		98
40) Hexachlorocyclopentadiene	9.02	237	117391	49.305	ng		98
42) 2,4,6-Trichlorophenol	9.15	196	217640	44.162	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	233633	41.219	ng		99
45) 1,1'-Biphenyl	9.33	154	905279	40.325	ng		100
46) 2-Chloronaphthalene	9.36	162	724242	40.778	ng		99
47) 2-Nitroaniline	9.46	65	285406	43.383	ng		92
48) Acenaphthylene	9.78	152	1082336	39.608	ng		99
49) Dimethylphthalate	9.63	163	1015215	47.237	ng		99
50) 2,6-Dinitrotoluene	9.70	165	195267	43.295	ng		95
51) Acenaphthene	9.95	154	626721	39.332	ng		99
52) 3-Nitroaniline	9.87	138	183034	31.987	ng		98
53) 2,4-Dinitrophenol	9.99	184	56652	40.213	ng	#	18
54) Dibenzofuran	10.12	168	914176	41.793	ng		97
55) 4-Nitrophenol	10.05	139	270407	76.247	ng		94
56) 2,4-Dinitrotoluene	10.11	165	242522	42.517	ng	#	91
57) Fluorene	10.47	166	717296	38.495	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	165534	43.474	ng		98
59) Diethylphthalate	10.33	149	845673	41.141	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	325072	41.139	ng		99
61) 4-Nitroaniline	10.49	138	211349	36.979	ng		95
62) Azobenzene	10.62	77	844875	40.380	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	85209	34.489	ng		93
65) n-Nitrosodiphenylamine	10.57	169	660064	44.587	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	195302	44.095	ng		93
67) Hexachlorobenzene	11.02	284	195780	40.725	ng		96
68) Atrazine	11.10	200	200910	45.152	ng		98
69) Pentachlorophenol	11.22	266	161653	69.545	ng		98
70) Phenanthrene	11.43	178	983520	42.033	ng		99
71) Anthracene	11.49	178	991631	41.328	ng		100
72) Carbazole	11.64	167	910254	38.096	ng		99
73) Di-n-butylphthalate	11.96	149	1254254	41.950	ng		99
74) Fluoranthene	12.62	202	911810	38.779	ng		98
76) Benzidine	12.75	184	475263	51.727	ng		98
77) Pyrene	12.85	202	885081	46.191	ng		100
79) Butylbenzylphthalate	13.46	149	463309	45.765	ng		100
80) Benzo(a)anthracene	14.04	228	709279	44.480	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	225421	39.611	ng		97
82) Chrysene	14.08	228	657137	42.442	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	614384	44.972	ng	#	98
84) Di-n-octyl phthalate	14.64	149	1021615	46.284	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	668204	54.513	ng		98
87) Benzo(b)fluoranthene	15.12	252	738862	42.456	ng	#	95
88) Benzo(k)fluoranthene	15.14	252	622891	38.009	ng		99
89) Benzo(a)pyrene	15.50	252	679250	43.707	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	544272	45.323	ng		98
91) Benzo(g,h,i)perylene	17.55	276	547072	46.613	ng		98

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

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