Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105092.D
Acq On : 4 May 2018 00:07
Operator : JU/SJ
Sample : J2709-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAYNEMS

Quant Time: May 04 02:01:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	109000	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	434966	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	183606	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	285549	20.00	ng		0.00
75) Chrysene-d12	14.01	240	183083	20.00	ng		-0.02
86) Perylene-d12	15.56	264	145404	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	917190	128.66	ng		0.01
7) Phenol-d6	6.45	99	1052844	120.21	ng		0.00
23) Nitrobenzene-d5	7.36	82	650044	97.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	230790	121.18	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	1106285	95.19	ng		-0.01
78) Terphenyl-d14	12.90	244	825159	102.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	105779	31.846	ng	#	85
3) Pyridine	3.29	79	237695	25.452	ng	#	81
4) n-Nitrosodimethylamine	3.25	42	114888	35.193	ng	#	73
6) Aniline	6.46	93	221614	18.212	ng	#	1
8) 2-Chlorophenol	6.58	128	345459	45.914	ng		92
9) Benzaldehyde	6.33	77	210935	53.228	ng		97
10) Phenol	6.46	94	389103	41.869	ng		76
11) bis(2-Chloroethyl)ether	6.52	93	334336	45.082	ng		94
12) 1,3-Dichlorobenzene	6.72	146	355931	41.757	ng		98
13) 1,4-Dichlorobenzene	6.80	146	366837	43.173	ng		100
14) 1,2-Dichlorobenzene	6.95	146	332667	42.249	ng		99
15) Benzyl Alcohol	6.94	79	251235	37.766	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	350151	35.157	ng	#	16
17) 2-Methylphenol	7.06	107	275578	42.136	ng	#	87
18) Hexachloroethane	7.29	117	120371	39.733	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	221814	38.755	ng		92
20) 3+4-Methylphenols	7.22	107	369551	45.559	ng		97
22) Acetophenone	7.20	105	477138	44.556	ng	#	94
24) Nitrobenzene	7.37	77	332538	45.216	ng		97
25) Isophorone	7.61	82	607145	43.102	ng		99
26) 2-Nitrophenol	7.69	139	183566	61.311	ng	#	90
27) 2,4-Dimethylphenol	7.73	122	292431	47.040	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	394814	45.842	ng		100
29) 2,4-Dichlorophenol	7.95	162	289078	48.735	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	291681	44.807	ng		99
31) Naphthalene	8.09	128	939103	43.359	ng		100
32) Benzoic acid	7.89	122	145245	29.282	ng		97
33) 4-Chloroaniline	8.16	127	113437	12.225	ng		98
34) Hexachlorobutadiene	8.20	225	161092	45.179	ng		98
35) Caprolactam	8.53	113	85053	41.103	ng	#	79
36) 4-Chloro-3-methylphenol	8.66	107	285188	44.839	ng		95
37) 2-Methylnaphthalene	8.78	142	602902	43.033	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	269519	51.280	ng		98
40) Hexachlorocyclopentadiene	8.92	237	42686	14.507	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	180817	49.559	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	176566	43.246	ng		94
45) 1,1'-Biphenyl	9.25	154	715799	46.408	ng		99
46) 2-Chloronaphthalene	9.27	162	558579	45.848	ng		99
47) 2-Nitroaniline	9.39	65	157976	52.433	ng		87
48) Acenaphthylene	9.69	152	779439	40.776	ng		99
49) Dimethylphthalate	9.55	163	755740	52.196	ng		100
50) 2,6-Dinitrotoluene	9.62	165	139027	51.893	ng		98
51) Acenaphthene	9.86	154	465805	39.940	ng		99
52) 3-Nitroaniline	9.80	138	83299	26.558	ng		92
53) 2,4-Dinitrophenol	9.91	184	58280	60.016	ng	#	21
54) Dibenzofuran	10.03	168	668871	41.153	ng		97
55) 4-Nitrophenol	9.99	139	138508	56.217	ng		97
56) 2,4-Dinitrotoluene	10.03	165	159214	45.305	ng	#	92
57) Fluorene	10.37	166	532349	44.999	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	136610	44.849	ng		93
59) Diethylphthalate	10.24	149	621389	43.093	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	256902	48.761	ng		99
61) 4-Nitroaniline	10.42	138	119999	39.129	ng		97
62) Azobenzene	10.53	77	513774	37.293	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	46974	35.955	ng	#	76
65) n-Nitrosodiphenylamine	10.49	169	482290	48.713	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	148495	48.890	ng	#	88
67) Hexachlorobenzene	10.92	284	157712	46.147	ng		94
68) Atrazine	11.02	200	140815	47.119	ng		98
69) Pentachlorophenol	11.13	266	131962	62.413	ng		98
70) Phenanthrene	11.34	178	682359	42.910	ng		99
71) Anthracene	11.39	178	706410	43.701	ng		99
72) Carbazole	11.56	167	629230	39.836	ng		99
73) Di-n-butylphthalate	11.87	149	855738	44.350	ng		99
74) Fluoranthene	12.53	202	632715	38.082	ng		97
76) Benzidine	12.66	184	86565	9.579	ng		96
77) Pyrene	12.76	202	630488	46.459	ng		99
79) Butylbenzylphthalate	13.39	149	312707	48.911	ng		94
80) Benzo(a)anthracene	14.00	228	521569	47.686	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	158113	38.771	ng		99
82) Chrysene	14.04	228	497701	44.301	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	425256	51.712	ng		100
84) Di-n-octyl phthalate	14.65	149	682078	49.639	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.04	276	373914	39.180	ng		95
87) Benzo(b)fluoranthene	15.13	252	433125	47.164	ng		98
88) Benzo(k)fluoranthene	15.15	252	402962	46.478	ng		99
89) Benzo(a)pyrene	15.49	252	385399	46.903	ng		98
90) Dibenzo(a,h)anthracene	17.05	278	316002	46.825	ng		97
91) Benzo(g,h,i)perylene	17.49	276	312073	47.731	ng		94

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

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