Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103060.D
Acq On : 16 Feb 2018 18:46
Operator : SJ/JU
Sample : J1584-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMS

Manual Integrations APPROVED
Sohil
2/19/2018 11:09:48 AM

Quant Time: Feb 16 23:38:16 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	180716	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	733441	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	298307	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	456738	20.00	ng		0.00
75) Chrysene-d12	14.05	240	294465	20.00	ng		0.00
86) Perylene-d12	15.54	264	258893	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1369321	115.07	ng		0.02
7) Phenol-d6	6.52	99	1633270	113.99	ng		0.01
23) Nitrobenzene-d5	7.45	82	1048229	99.14	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	277095	115.41	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1466180	81.56	ng		0.00
78) Terphenyl-d14	12.99	244	1098403	88.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	204933	34.867	ng		89
3) Pyridine	3.48	79	577720	35.577	ng		92
4) n-Nitrosodimethylamine	3.43	42	288268	41.491	ng		98
6) Aniline	6.55	93	512636	24.228	ng		96
8) 2-Chlorophenol	6.67	128	479518	39.142	ng		95
9) Benzaldehyde	6.43	77	100988	9.491	ng		98
10) Phenol	6.53	94	608256	39.613	ng		92
11) bis(2-Chloroethyl)ether	6.62	93	485850	38.025	ng		90
12) 1,3-Dichlorobenzene	6.82	146	504396	35.554	ng		100
13) 1,4-Dichlorobenzene	6.90	146	514154	36.383	ng		98
14) 1,2-Dichlorobenzene	7.05	146	466659	35.453	ng		99
15) Benzyl Alcohol	7.02	79	412862	37.479	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	846278	34.867	ng		100
17) 2-Methylphenol	7.13	107	412208	36.478	ng		98
18) Hexachloroethane	7.39	117	160647	33.150	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	321118	33.992	ng		96
20) 3+4-Methylphenols	7.29	107	459607	32.982	ng	#	67
22) Acetophenone	7.29	105	632403	35.235	ng	#	94
24) Nitrobenzene	7.46	77	513781	41.306	ng		99
25) Isophorone	7.70	82	957612	39.334	ng		99
26) 2-Nitrophenol	7.78	139	236165	46.543	ng		95
27) 2,4-Dimethylphenol	7.82	122	431624	41.964	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	595822	41.313	ng		99
29) 2,4-Dichlorophenol	8.02	162	381435	40.794	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	376548	35.599	ng		99
31) Naphthalene	8.19	128	1297689	36.214	ng		100
32) Benzoic acid	7.91	122	105262	21.791	ng		96
33) 4-Chloroaniline	8.23	127	262793	17.023	ng		99
34) Hexachlorobutadiene	8.30	225	193499	35.699	ng		99
35) Caprolactam	8.60	113	129656m	39.929	ng		
36) 4-Chloro-3-methylphenol	8.72	107	408751	38.908	ng		100
37) 2-Methylnaphthalene	8.87	142	841281	35.858	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	319650	39.354	ng		99
40) Hexachlorocyclopentadiene	9.02	237	55665	14.416	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	229233	42.968	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	233888	38.897	ng		98
45) 1,1'-Biphenyl	9.34	154	933281	37.145	ng		99
46) 2-Chloronaphthalene	9.36	162	733179	37.066	ng		99
47) 2-Nitroaniline	9.46	65	285646	46.885	ng		90
48) Acenaphthylene	9.78	152	1085138	35.320	ng		99
49) Dimethylphthalate	9.63	163	1007115	43.299	ng		99
50) 2,6-Dinitrotoluene	9.70	165	185550	41.930	ng		95
51) Acenaphthene	9.95	154	624232	33.975	ng		99
52) 3-Nitroaniline	9.87	138	194357	35.695	ng		95
53) 2,4-Dinitrophenol	9.98	184	31593	36.400	ng	#	17
54) Dibenzofuran	10.12	168	934426	36.089	ng		97
55) 4-Nitrophenol	10.04	139	290071	65.590	ng		97
56) 2,4-Dinitrotoluene	10.11	165	223198	38.274	ng	#	95
57) Fluorene	10.47	166	694243	36.852	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	167189	40.117	ng		99
59) Diethylphthalate	10.33	149	829377	36.112	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	319797	38.374	ng		97
61) 4-Nitroaniline	10.49	138	204736	39.503	ng		94
62) Azobenzene	10.62	77	802688	34.985	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	31482	23.413	ng		91
65) n-Nitrosodiphenylamine	10.57	169	647460	40.189	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	192644	39.873	ng		95
67) Hexachlorobenzene	11.02	284	193808	36.362	ng		98
68) Atrazine	11.10	200	180626	38.004	ng		98
69) Pentachlorophenol	11.21	266	179377	57.331	ng		98
70) Phenanthrene	11.43	178	969735	38.123	ng		99
71) Anthracene	11.49	178	972208	37.577	ng		99
72) Carbazole	11.64	167	894882	35.306	ng		99
73) Di-n-butylphthalate	11.96	149	1205882	39.165	ng		100
74) Fluoranthene	12.62	202	979017	38.253	ng		99
76) Benzidine	12.74	184	569732	42.097	ng		98
77) Pyrene	12.85	202	999549	43.288	ng		99
79) Butylbenzylphthalate	13.46	149	472015	42.848	ng		96
80) Benzo(a)anthracene	14.04	228	787899	42.545	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	275364	40.103	ng	#	97
82) Chrysene	14.08	228	719349	38.533	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	653557	46.204	ng		100
84) Di-n-octyl phthalate	14.63	149	1054401	49.644	ng		98
85) Indeno(1,2,3-cd)pyrene	17.06	276	620239	40.059	ng		99
87) Benzo(b)fluoranthene	15.10	252	725406	43.218	ng	#	95
88) Benzo(k)fluoranthene	15.13	252	581891	36.282	ng		98
89) Benzo(a)pyrene	15.48	252	627223	41.514	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	502192	40.951	ng		98
91) Benzo(g,h,i)perylene	17.52	276	515056	42.910	ng		99

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

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