Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104787.D
Acq On : 25 Apr 2018 14:32
Operator : JU/SJ
Sample : J2470-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-12-4-18-18MS

Manual Integrations APPROVED
Sohil
4/26/2018 6:09:33 PM

Quant Time: Apr 26 10:51:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105961	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	462008	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	226826	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	426986	20.00	ng		0.00
75) Chrysene-d12	13.99	240	259610	20.00	ng		0.00
86) Perylene-d12	15.45	264	229331	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	465845	67.22	ng		0.00
7) Phenol-d6	6.44	99	411156	48.29	ng		0.00
23) Nitrobenzene-d5	7.37	82	758967	107.27	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	355617	151.14	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1408110	98.07	ng		0.00
78) Terphenyl-d14	12.93	244	1388031	121.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	46605	14.433	ng		90
3) Pyridine	3.28	79	97813	10.774	ng		85
4) n-Nitrosodimethylamine	3.21	42	53712	16.925	ng	#	86
6) Aniline	6.46	93	123399	10.432	ng		92
8) 2-Chlorophenol	6.59	128	288321	39.419	ng		91
9) Benzaldehyde	6.35	77	165544	37.717	ng		96
10) Phenol	6.45	94	151218	16.738	ng		90
11) bis(2-Chloroethyl)ether	6.54	93	316139	43.851	ng		93
12) 1,3-Dichlorobenzene	6.74	146	344749	41.605	ng		99
13) 1,4-Dichlorobenzene	6.82	146	353324	42.776	ng		100
14) 1,2-Dichlorobenzene	6.97	146	332085	43.385	ng		98
15) Benzyl Alcohol	6.95	79	193945	29.990	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	380341	39.284	ng		63
17) 2-Methylphenol	7.06	107	232626	36.588	ng	#	93
18) Hexachloroethane	7.31	117	128375	43.591	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	242887	43.654	ng		91
20) 3+4-Methylphenols	7.22	107	255353	32.383	ng	#	49
22) Acetophenone	7.22	105	486847	42.802	ng	#	100
24) Nitrobenzene	7.39	77	366912	46.970	ng		96
25) Isophorone	7.63	82	694600	46.425	ng		98
26) 2-Nitrophenol	7.70	139	194897	61.285	ng		96
27) 2,4-Dimethylphenol	7.75	122	305532	46.271	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	437125	47.784	ng		99
29) 2,4-Dichlorophenol	7.95	162	289292	45.917	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	308473	44.613	ng		99
31) Naphthalene	8.11	128	1010770	43.936	ng		99
33) 4-Chloroaniline	8.16	127	82489	8.369	ng		97
34) Hexachlorobutadiene	8.22	225	169168	44.667	ng		99
35) Caprolactam	8.54	113	15313m	6.967	ng		
36) 4-Chloro-3-methylphenol	8.65	107	316151	46.798	ng		99
37) 2-Methylnaphthalene	8.80	142	696987	46.837	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	313658	48.307	ng		100
40) Hexachlorocyclopentadiene	8.95	237	208094	57.247	ng		98
42) 2,4,6-Trichlorophenol	9.09	196	215914	47.902	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	231819	45.960	ng		98
45) 1,1'-Biphenyl	9.27	154	857163	44.984	ng		98
46) 2-Chloronaphthalene	9.29	162	674206	44.795	ng		98
47) 2-Nitroaniline	9.40	65	204745	55.008	ng		88
48) Acenaphthylene	9.71	152	1004451	42.535	ng		100
49) Dimethylphthalate	9.57	163	882869	49.358	ng		100
50) 2,6-Dinitrotoluene	9.64	165	184817	55.840	ng		97
51) Acenaphthene	9.88	154	596718	41.416	ng		99
52) 3-Nitroaniline	9.80	138	62792	16.205	ng		99
53) 2,4-Dinitrophenol	9.92	184	96737	73.532	ng	#	22
54) Dibenzofuran	10.05	168	894037	44.526	ng		95
55) 4-Nitrophenol	9.98	139	98998	32.525	ng		98
56) 2,4-Dinitrotoluene	10.05	165	238252	54.878	ng	#	95
57) Fluorene	10.40	166	730477	49.981	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	185473	49.289	ng		93
59) Diethylphthalate	10.27	149	860659	48.313	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	343827	52.825	ng		98
61) 4-Nitroaniline	10.43	138	179788	47.454	ng		99
62) Azobenzene	10.55	77	760929	44.709	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	90291	44.120	ng		84
65) n-Nitrosodiphenylamine	10.51	169	669288	45.208	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	219902	48.418	ng		97
67) Hexachlorobenzene	10.95	284	244335	47.811	ng		94
68) Atrazine	11.04	200	231339	51.768	ng		98
69) Pentachlorophenol	11.15	266	181410	57.380	ng		97
70) Phenanthrene	11.36	178	1073955	45.165	ng		99
71) Anthracene	11.42	178	1099120	45.472	ng		100
72) Carbazole	11.57	167	988093	41.834	ng		99
73) Di-n-butylphthalate	11.89	149	1326407	45.972	ng		99
74) Fluoranthene	12.56	202	1047269	42.154	ng		95
76) Benzidine	12.67	184	239434	23.833	ng		97
77) Pyrene	12.79	202	1028626	53.454	ng		99
79) Butylbenzylphthalate	13.39	149	528453	58.291	ng		98
80) Benzo(a)anthracene	13.97	228	789433	50.900	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	122955	21.262	ng		99
82) Chrysene	14.02	228	738700	46.370	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	733051	62.864	ng		100
84) Di-n-octyl phthalate	14.57	149	1090224	55.954	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.93	276	667724	49.341	ng		94
87) Benzo(b)fluoranthene	15.03	252	673309	46.486	ng		99
88) Benzo(k)fluoranthene	15.06	252	650028	47.536	ng		98
89) Benzo(a)pyrene	15.39	252	624744	48.207	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	562342	52.833	ng		96
91) Benzo(g,h,i)perylene	17.37	276	549967	53.332	ng		93

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

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