Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104786.D
Acq On : 25 Apr 2018 14:05
Operator : JU/SJ
Sample : J2511-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMSD

Manual Integrations APPROVED
Sohil
4/26/2018 6:09:31 PM

Quant Time: Apr 26 10:45:52 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	109085	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	454463	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	209926	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	378916	20.00	ng		0.00
75) Chrysene-d12	13.98	240	215291	20.00	ng		0.00
86) Perylene-d12	15.45	264	222108	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	891005	124.89	ng		0.01
7) Phenol-d6	6.45	99	1092438	124.63	ng		0.00
23) Nitrobenzene-d5	7.37	82	695715	99.96	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	289606	132.99	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1151078	86.62	ng		0.00
78) Terphenyl-d14	12.92	244	1006606	106.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	107511	32.342	ng		87
3) Pyridine	3.30	79	308545	33.013	ng		87
4) n-Nitrosodimethylamine	3.26	42	128096	39.208	ng	#	87
6) Aniline	6.47	93	279168	22.924	ng	#	49
8) 2-Chlorophenol	6.59	128	333248	44.257	ng		93
9) Benzaldehyde	6.35	77	139756	28.692	ng		96
10) Phenol	6.46	94	386809	41.590	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	297048	40.023	ng		94
12) 1,3-Dichlorobenzene	6.74	146	342212	40.116	ng		98
13) 1,4-Dichlorobenzene	6.82	146	348760	41.014	ng		99
14) 1,2-Dichlorobenzene	6.97	146	326407	41.422	ng		97
15) Benzyl Alcohol	6.95	79	269051	40.412	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	341510	34.263	ng		62
17) 2-Methylphenol	7.06	107	271910	41.542	ng	#	92
18) Hexachloroethane	7.31	117	125729	41.469	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	207946	36.304	ng		93
20) 3+4-Methylphenols	7.22	107	329792	40.626	ng	#	84
22) Acetophenone	7.22	105	438688	39.208	ng	#	97
24) Nitrobenzene	7.39	77	337483	43.920	ng		95
25) Isophorone	7.63	82	602504	40.938	ng		99
26) 2-Nitrophenol	7.70	139	181497	58.019	ng		96
27) 2,4-Dimethylphenol	7.75	122	287577	44.274	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	381667	42.415	ng		99
29) 2,4-Dichlorophenol	7.95	162	273521	44.134	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	282353	41.513	ng		99
31) Naphthalene	8.11	128	931946	41.182	ng		100
33) 4-Chloroaniline	8.16	127	152763	15.757	ng		97
34) Hexachlorobutadiene	8.22	225	151366	40.630	ng		99
35) Caprolactam	8.54	113	86146m	39.846	ng		
36) 4-Chloro-3-methylphenol	8.66	107	296548	44.625	ng		98
37) 2-Methylnaphthalene	8.80	142	614286	41.965	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	265153	44.124	ng		99
40) Hexachlorocyclopentadiene	8.95	237	148318	44.087	ng		97
42) 2,4,6-Trichlorophenol	9.09	196	186525	44.714	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	202410	43.360	ng		99
45) 1,1'-Biphenyl	9.26	154	724267	41.069	ng		99
46) 2-Chloronaphthalene	9.29	162	573822	41.194	ng		100
47) 2-Nitroaniline	9.39	65	176578	51.259	ng		97
48) Acenaphthylene	9.71	152	850138	38.899	ng		99
49) Dimethylphthalate	9.57	163	782092	47.244	ng		100
50) 2,6-Dinitrotoluene	9.64	165	153712	50.180	ng	#	87
51) Acenaphthene	9.88	154	495449	37.155	ng		99
52) 3-Nitroaniline	9.80	138	123994	34.576	ng		99
53) 2,4-Dinitrophenol	9.92	184	56767	53.668	ng	#	25
54) Dibenzofuran	10.05	168	750041	40.361	ng		96
55) 4-Nitrophenol	9.99	139	221011	78.457	ng		98
56) 2,4-Dinitrotoluene	10.05	165	192733	47.967	ng	#	96
57) Fluorene	10.40	166	596163	44.075	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	151374	43.466	ng		94
59) Diethylphthalate	10.27	149	693728	42.077	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	275117	45.671	ng		95
61) 4-Nitroaniline	10.43	138	164167	46.820	ng		97
62) Azobenzene	10.55	77	603058	38.286	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	67550	38.349	ng	#	76
65) n-Nitrosodiphenylamine	10.51	169	541542	41.220	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	169472	42.048	ng		95
67) Hexachlorobenzene	10.95	284	187230	41.285	ng	#	90
68) Atrazine	11.04	200	176458	44.497	ng		98
69) Pentachlorophenol	11.15	266	138262	49.280	ng		97
70) Phenanthrene	11.36	178	849550	40.260	ng		99
71) Anthracene	11.42	178	867398	40.438	ng		99
72) Carbazole	11.57	167	781715	37.295	ng		99
73) Di-n-butylphthalate	11.89	149	1009800	39.439	ng		99
74) Fluoranthene	12.55	202	789376	35.804	ng		97
76) Benzidine	12.67	184	313560	44.251	ng		98
77) Pyrene	12.78	202	760900	47.681	ng		100
79) Butylbenzylphthalate	13.39	149	357516	47.554	ng		99
80) Benzo(a)anthracene	13.97	228	593856	46.172	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	147083	30.671	ng		98
82) Chrysene	14.01	228	546416	41.361	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	478112	49.442	ng		100
84) Di-n-octyl phthalate	14.57	149	723513	44.777	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	563505	50.212	ng		94
87) Benzo(b)fluoranthene	15.03	252	577013	41.133	ng		99
88) Benzo(k)fluoranthene	15.06	252	524102	39.574	ng		98
89) Benzo(a)pyrene	15.39	252	536620	42.753	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	469253	45.521	ng		96
91) Benzo(g,h,i)perylene	17.36	276	452011	45.259	ng		93

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

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