Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102758.D
Acq On : 6 Feb 2018 1:17
Operator : SJ/JU
Sample : J1447-01MS 20X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2_SB45_N_8

Manual Integrations APPROVED
Sohil
2/6/2018 2:25:59 PM

Quant Time: Feb 06 12:42:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	210524	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	873906	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	375197	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	584219	20.00	ng		0.00
75) Chrysene-d12	14.04	240	328898	20.00	ng		0.00
86) Perylene-d12	15.52	264	350851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	109455	7.90	ng		-0.01
7) Phenol-d6	6.49	99	127803	7.66	ng		-0.01
23) Nitrobenzene-d5	7.43	82	70746	5.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	21329	7.06	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	120603	5.33	ng		-0.01
78) Terphenyl-d14	12.99	244	80131	5.77	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	3.47	79	46960m	2.482	ng		
4) n-Nitrosodimethylamine	3.38	42	17716m	2.189	ng		
8) 2-Chlorophenol	6.66	128	33539	2.350	ng		95
10) Phenol	6.50	94	49503	2.767	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	33921	2.279	ng		90
12) 1,3-Dichlorobenzene	6.82	146	34549	2.091	ng		98
13) 1,4-Dichlorobenzene	6.90	146	34800	2.114	ng		98
14) 1,2-Dichlorobenzene	7.05	146	33705	2.198	ng		97
15) Benzyl Alcohol	7.01	79	29918	2.331	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	59943	2.120	ng		99
17) 2-Methylphenol	7.12	107	28590	2.172	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	24344	2.212	ng	#	84
20) 3+4-Methylphenols	7.27	107	40230	2.478	ng		96
22) Acetophenone	7.28	105	52123	2.437	ng	#	94
24) Nitrobenzene	7.45	77	33735	2.207	ng		95
25) Isophorone	7.69	82	67423	2.324	ng		98
26) 2-Nitrophenol	7.77	139	12144	10.301	ng		97
27) 2,4-Dimethylphenol	7.80	122	29955	2.444	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	42395	2.467	ng		99
29) 2,4-Dichlorophenol	8.01	162	25377	2.278	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	26969	2.140	ng		96
31) Naphthalene	8.19	128	580393	13.593	ng		99
32) Benzoic acid	7.82	122	3242m	8.905	ng		
34) Hexachlorobutadiene	8.30	225	13026	2.017	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	28869	2.306	ng		99
37) 2-Methylnaphthalene	8.87	142	130561	4.670	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	23960	2.345	ng		98
42) 2,4,6-Trichlorophenol	9.15	196	16076	2.396	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	15744	2.082	ng		97
45) 1,1'-Biphenyl	9.33	154	107592	3.405	ng		98
46) 2-Chloronaphthalene	9.36	162	56314	2.263	ng		98
47) 2-Nitroaniline	9.45	65	18618	5.722	ng		84
48) Acenaphthylene	9.78	152	431614	11.170	ng		99
49) Dimethylphthalate	9.63	163	78153	2.671	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	9.95	154	66503	2.878	ng		99
54) Dibenzofuran	10.12	168	251337	7.718	ng		99
55) 4-Nitrophenol	10.01	139	18320	7.115	ng		97
56) 2,4-Dinitrotoluene	10.09	165	13989	4.830	ng	#	90
57) Fluorene	10.46	166	256705	10.834	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	11054	2.109	ng	#	68
59) Diethylphthalate	10.33	149	66062	2.287	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	25609	2.443	ng		98
61) 4-Nitroaniline	10.46	138	15408	2.364	ng		88
62) Azobenzene	10.62	77	60407	2.093	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.50	198	317	8.913	ng	#	35
65) n-Nitrosodiphenylamine	10.57	169	55756	2.706	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	14666	2.373	ng		94
67) Hexachlorobenzene	11.01	284	14682	2.154	ng	#	93
68) Atrazine	11.09	200	15516	2.552	ng		94
69) Pentachlorophenol	11.20	266	9809	2.451	ng		97
70) Phenanthrene	11.43	178	1699452	52.231	ng		100
71) Anthracene	11.48	178	707937	21.392	ng		99
72) Carbazole	11.63	167	283121	8.733	ng		99
73) Di-n-butylphthalate	11.96	149	100852	2.561	ng		98
74) Fluoranthene	12.63	202	2104500	64.287	ng		99
77) Pyrene	12.86	202	1683075	65.259	ng		99
79) Butylbenzylphthalate	13.46	149	32306	3.588	ng		95
80) Benzo(a)anthracene	14.04	228	853038m	41.240	ng		
82) Chrysene	14.07	228	723183	34.683	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	50889	3.221	ng		99
84) Di-n-octyl phthalate	14.63	149	81374	3.430	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.01	276	381372	22.053	ng		95
87) Benzo(b)fluoranthene	15.09	252	972450m	42.751	ng		
88) Benzo(k)fluoranthene	15.12	252	355659m	16.364	ng		
89) Benzo(a)pyrene	15.46	252	681960	33.307	ng		96
90) Dibenzo(a,h)anthracene	17.03	278	117195	7.052	ng		99
91) Benzo(g,h,i)perylene	17.46	276	312969	19.240	ng		98

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

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