Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103141.D
Acq On : 21 Feb 2018 17:25
Operator : SJ/JU
Sample : J1391-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

Manual Integrations APPROVED
Sohil
2/22/2018 9:05:08 AM

Quant Time: Feb 21 18:22:46 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	165543	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	695076	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	289612	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	422234	20.00	ng		0.00
75) Chrysene-d12	14.06	240	290495	20.00	ng		0.00
86) Perylene-d12	15.54	264	234041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1230542	112.89	ng		0.02
7) Phenol-d6	6.52	99	1485677	113.19	ng		0.01
23) Nitrobenzene-d5	7.45	82	939791	93.79	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	234346	100.53	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1315259	75.36	ng		0.00
78) Terphenyl-d14	12.99	244	945754	77.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	205067	38.088	ng		89
3) Pyridine	3.48	79	565516	38.017	ng		93
4) n-Nitrosodimethylamine	3.43	42	294465	46.267	ng		98
6) Aniline	6.55	93	583796	30.120	ng		96
8) 2-Chlorophenol	6.67	128	483272	43.064	ng		95
9) Benzaldehyde	6.43	77	321936	33.029	ng		98
10) Phenol	6.53	94	638929	45.424	ng		88
11) bis(2-Chloroethyl)ether	6.62	93	494768	42.272	ng		91
12) 1,3-Dichlorobenzene	6.82	146	508010	39.091	ng		99
13) 1,4-Dichlorobenzene	6.90	146	517692	39.991	ng		99
14) 1,2-Dichlorobenzene	7.05	146	469066	38.902	ng		99
15) Benzyl Alcohol	7.02	79	419722	41.594	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	828095	37.245	ng		99
17) 2-Methylphenol	7.13	107	419525	40.528	ng		99
18) Hexachloroethane	7.39	117	163124	36.747	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	319553	36.927	ng		98
20) 3+4-Methylphenols	7.29	107	466833	36.571	ng	#	73
22) Acetophenone	7.29	105	626159	36.813	ng	#	92
24) Nitrobenzene	7.46	77	532782	45.205	ng		97
25) Isophorone	7.70	82	980430	42.494	ng		98
26) 2-Nitrophenol	7.78	139	257368	52.222	ng		98
27) 2,4-Dimethylphenol	7.82	122	433552	44.478	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	593813	43.447	ng		100
29) 2,4-Dichlorophenol	8.02	162	396599	44.757	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	374036	37.313	ng		98
31) Naphthalene	8.19	128	1320559	38.886	ng		100
32) Benzoic acid	7.92	122	135616m	26.218	ng		
33) 4-Chloroaniline	8.23	127	288785	19.740	ng		99
34) Hexachlorobutadiene	8.29	225	188124	36.623	ng		99
35) Caprolactam	8.61	113	147034	47.780	ng	#	79
36) 4-Chloro-3-methylphenol	8.72	107	423844	42.571	ng		97
37) 2-Methylnaphthalene	8.87	142	867360	39.010	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	321127	40.723	ng		99
40) Hexachlorocyclopentadiene	9.02	237	22871	6.101	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	233977	45.174	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	246951	42.302	ng		97
45) 1,1'-Biphenyl	9.34	154	943056	38.661	ng		98
46) 2-Chloronaphthalene	9.37	162	742322	38.654	ng		97
47) 2-Nitroaniline	9.46	65	299154	50.303	ng		88
48) Acenaphthylene	9.78	152	1096092	36.748	ng		99
49) Dimethylphthalate	9.64	163	1008049	44.640	ng		99
50) 2,6-Dinitrotoluene	9.70	165	192312	44.763	ng		94
51) Acenaphthene	9.95	154	627946	35.204	ng		100
52) 3-Nitroaniline	9.87	138	195305	36.946	ng		99
53) 2,4-Dinitrophenol	9.99	184	19487	27.917	ng	#	20
54) Dibenzofuran	10.13	168	940229	37.403	ng		98
55) 4-Nitrophenol	10.05	139	308981	71.572	ng		95
56) 2,4-Dinitrotoluene	10.11	165	236649	41.516	ng		96
57) Fluorene	10.47	166	695972	38.053	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	166123	41.058	ng	#	98
59) Diethylphthalate	10.33	149	850885	38.161	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	324071	40.054	ng		98
61) 4-Nitroaniline	10.49	138	211419	42.017	ng		91
62) Azobenzene	10.62	77	819549	36.792	ng		98
64) 4,6-Dinitro-2-methylphenol	10.52	198	20743	19.353	ng		95
65) n-Nitrosodiphenylamine	10.57	169	654595	43.952	ng		97
66) 4-Bromophenyl-phenylether	10.95	248	188412	42.184	ng		99
67) Hexachlorobenzene	11.02	284	187897	38.134	ng		98
68) Atrazine	11.10	200	192667	43.851	ng		98
69) Pentachlorophenol	11.22	266	174393	60.293	ng		98
70) Phenanthrene	11.43	178	879512	37.401	ng		99
71) Anthracene	11.49	178	913646	38.200	ng		100
72) Carbazole	11.64	167	892101	38.072	ng		99
73) Di-n-butylphthalate	11.96	149	1186409	41.682	ng		99
74) Fluoranthene	12.62	202	852463	36.030	ng		98
76) Benzidine	12.75	184	721655	54.052	ng		98
77) Pyrene	12.86	202	830846	36.474	ng		100
79) Butylbenzylphthalate	13.46	149	455172	41.906	ng		96
80) Benzo(a)anthracene	14.04	228	735486	40.258	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	297813	43.965	ng		97
82) Chrysene	14.08	228	693573	37.660	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	616991	44.215	ng		98
84) Di-n-octyl phthalate	14.63	149	1056317	50.414	ng		100
85) Indeno(1,2,3-cd)pyrene	17.07	276	531875	34.822	ng		99
87) Benzo(b)fluoranthene	15.11	252	602821	39.728	ng		97
88) Benzo(k)fluoranthene	15.14	252	609226	42.020	ng		99
89) Benzo(a)pyrene	15.49	252	544982	39.901	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	450418	40.630	ng		99
91) Benzo(g,h,i)perylene	17.53	276	433299	39.932	ng		97

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

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