Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100822.D
Acq On : 22 Nov 2017 13:18
Operator : SJ/JU
Sample : I6310-05MSD 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMSD

Manual Integrations APPROVED
Sohil
11/27/2017 3:19:29 PM

Quant Time: Nov 22 18:20:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	74764	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	283295	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	113483	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	179808	20.00	ng		0.00
75) Chrysene-d12	14.03	240	173903	20.00	ng		-0.01
86) Perylene-d12	15.51	264	159197	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	53963	11.57	ng		-0.01
7) Phenol-d6	6.49	99	66643	11.59	ng		-0.02
23) Nitrobenzene-d5	7.43	82	37058	8.65	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	12899	11.15	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	81989	11.00	ng		-0.01
78) Terphenyl-d14	12.98	244	60563	8.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	6184	2.721	ng		98
3) Pyridine	3.49	79	15916m	2.567	ng		
4) n-Nitrosodimethylamine	3.37	42	8477m	2.816	ng		
8) 2-Chlorophenol	6.65	128	19769	4.007	ng		98
10) Phenol	6.50	94	25880	4.286	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	18684	3.684	ng		97
12) 1,3-Dichlorobenzene	6.81	146	23118	4.064	ng		97
13) 1,4-Dichlorobenzene	6.89	146	23201	4.030	ng		98
14) 1,2-Dichlorobenzene	7.04	146	22007	4.134	ng		96
15) Benzyl Alcohol	7.00	79	16490	3.674	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	30595	3.772	ng		99
17) 2-Methylphenol	7.12	107	16120	3.823	ng		97
18) Hexachloroethane	7.38	117	6262	3.299	ng		100
19) n-Nitroso-di-n-propylamine	7.27	70	14210	3.563	ng		93
20) 3+4-Methylphenols	7.27	107	20896	3.916	ng	#	84
22) Acetophenone	7.27	105	28648	4.147	ng		95
24) Nitrobenzene	7.45	77	19759	4.480	ng		98
25) Isophorone	7.69	82	35875	3.984	ng		99
26) 2-Nitrophenol	7.77	139	9002	9.244	ng		96
27) 2,4-Dimethylphenol	7.80	122	16987	4.208	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	22376	3.799	ng		96
29) 2,4-Dichlorophenol	8.01	162	16235	4.213	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	18246	4.377	ng		99
31) Naphthalene	8.17	128	60456	4.431	ng		97
32) Benzoic acid	7.87	122	749	9.566	ng	#	62
34) Hexachlorobutadiene	8.29	225	10548	4.256	ng		93
35) Caprolactam	8.55	113	4727	3.574	ng		92
36) 4-Chloro-3-methylphenol	8.70	107	15599	3.769	ng		98
37) 2-Methylnaphthalene	8.86	142	41379	4.568	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	17458	4.639	ng	#	96
42) 2,4,6-Trichlorophenol	9.15	196	10431	4.373	ng		95
43) 2,4,5-Trichlorophenol	9.18	196	10570	4.277	ng		96
45) 1,1'-Biphenyl	9.33	154	45574	4.643	ng		98
46) 2-Chloronaphthalene	9.36	162	34340	4.823	ng	#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.45	65	9278	6.938	ng		90
48) Acenaphthylene	9.77	152	50603	4.288	ng		97
49) Dimethylphthalate	9.62	163	42804	4.940	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	7512	4.380	ng		93
51) Acenaphthene	9.94	154	29340	4.088	ng		97
52) 3-Nitroaniline	9.86	138	6281	3.101	ng		87
54) Dibenzofuran	10.12	168	44403	4.414	ng		96
55) 4-Nitrophenol	10.02	139	9388	5.709	ng		92
56) 2,4-Dinitrotoluene	10.09	165	8229	3.803	ng	#	91
57) Fluorene	10.46	166	34810	4.724	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	7361	3.634	ng	#	95
59) Diethylphthalate	10.32	149	36464	4.205	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	16192	4.479	ng		93
61) 4-Nitroaniline	10.46	138	6004	3.126	ng		95
62) Azobenzene	10.60	77	29539	3.617	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	126	8.684	ng	#	32
65) n-Nitrosodiphenylamine	10.56	169	30702	4.911	ng		94
66) 4-Bromophenyl-phenylether	10.94	248	9552	4.956	ng	#	78
67) Hexachlorobenzene	11.00	284	9110	4.519	ng	#	83
68) Atrazine	11.09	200	8886	4.695	ng		94
69) Pentachlorophenol	11.20	266	6163	4.263	ng		95
70) Phenanthrene	11.42	178	45573	4.814	ng		98
71) Anthracene	11.47	178	43757	4.556	ng		97
72) Carbazole	11.62	167	37369	4.217	ng		99
73) Di-n-butylphthalate	11.95	149	46490	4.483	ng		97
74) Fluoranthene	12.61	202	45055	4.491	ng		95
77) Pyrene	12.84	202	48237	3.891	ng		96
79) Butylbenzylphthalate	13.45	149	18817	3.722	ng	#	95
80) Benzo(a)anthracene	14.03	228	47028	4.491	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	9372	2.498	ng		98
82) Chrysene	14.06	228	46148	4.551	ng		97
83) Bis(2-ethylhexyl)phthalate	14.00	149	28484	4.284	ng		99
84) Di-n-octyl phthalate	14.62	149	51614	4.519	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	31829	3.880	ng		96
87) Benzo(b)fluoranthene	15.07	252	44003	4.665	ng		98
88) Benzo(k)fluoranthene	15.10	252	38751	4.348	ng		100
89) Benzo(a)pyrene	15.44	252	35863	4.289	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	26930	3.938	ng		96
91) Benzo(g,h,i)perylene	17.44	276	25340	3.786	ng		97

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

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