Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086353.D
Acq On : 22 Apr 2016 19:25
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
4/25/2016 12:35:33 PM

Quant Time: Apr 23 00:25:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 23:16:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	159988	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	748520	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	361676	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	711959	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	613384	20.00	ng		0.00
86) Perylene-d12	15.41	264	585809	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	36355	3.96	ng		0.00
7) Phenol-d6	6.46	99	63634	5.27	ng		-0.01
23) Nitrobenzene-d5	7.40	82	68499	5.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	16882	5.86	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	132770m	6.09	ng		0.00
78) Terphenyl-d14	12.95	244	143898	5.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	15050	3.04	ng	#	83
8) 2-Chlorophenol	6.62	128	31120	2.84	ng		93
10) Phenol	6.48	94	40357	2.90	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	42249m	3.52	ng		
12) 1,3-Dichlorobenzene	6.78	146	32101	2.69	ng		99
13) 1,4-Dichlorobenzene	6.86	146	38265	2.99	ng		98
14) 1,2-Dichlorobenzene	7.01	146	37386	3.27	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	50828	3.04	ng		89
17) 2-Methylphenol	7.09	107	21454	2.35	ng	#	91
18) Hexachloroethane	7.36	117	13501	3.52	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	20325	2.79	ng		96
20) 3+4-Methylphenols	7.25	107	22402	2.26	ng	#	82
22) Acetophenone	7.25	105	43215	2.74	ng	#	94
24) Nitrobenzene	7.42	77	34235	2.45	ng		93
25) Isophorone	7.66	82	72461	2.94	ng	#	92
26) 2-Nitrophenol	7.74	139	14283	2.28	ng		98
27) 2,4-Dimethylphenol	7.78	122	34299	2.81	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	40188	2.81	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	28546	2.74	ng		99
31) Naphthalene	8.14	128	114276	3.18	ng		99
33) 4-Chloroaniline	8.21	127	36084	2.43	ng		97
34) Hexachlorobutadiene	8.27	225	15852	3.02	ng		98
35) Caprolactam	8.52	113	6926	2.21	ng	#	84
36) 4-Chloro-3-methylphenol	8.68	107	28750	2.62	ng		96
37) 2-Methylnaphthalene	8.84	142	60368	2.73	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	26444	2.76	ng		96
40) Hexachlorocyclopentadiene	8.99	237	10901	4.65	ng		92
42) 2,4,6-Trichlorophenol	9.12	196	13353	2.01	ng		93
43) 2,4,5-Trichlorophenol	9.15	196	22570	3.10	ng	#	89
45) 1,1'-Biphenyl	9.30	154	82348	2.91	ng		96
46) 2-Chloronaphthalene	9.33	162	64648	3.01	ng		98
48) Acenaphthylene	9.73	152	108793	3.20	ng		97
49) Dimethylphthalate	9.60	163	76288	2.77	ng		97
50) 2,6-Dinitrotoluene	9.66	165	11946	2.11	ng	#	80

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	9.90	154	63925	3.18	ng		98
52) 3-Nitroaniline	9.85	138	15440	2.14	ng	#	98
54) Dibenzofuran	10.09	168	83299	3.08	ng		98
56) 2,4-Dinitrotoluene	10.06	165	17258	2.43	ng	#	97
57) Fluorene	10.43	166	72474	3.57	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	14644m	2.97	ng		
59) Diethylphthalate	10.29	149	71712	2.68	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	32331	3.47	ng		95
61) 4-Nitroaniline	10.48	138	15258	2.21	ng		95
62) Azobenzene	10.58	77	74675	2.82	ng		98
65) n-Nitrosodiphenylamine	10.54	169	62238	2.70	ng		97
66) 4-Bromophenyl-phenylether	10.91	248	17862	2.36	ng		94
67) Hexachlorobenzene	10.97	284	20587	2.70	ng	#	74
68) Atrazine	11.06	200	17922	2.51	ng		99
70) Phenanthrene	11.38	178	97199	2.88	ng		99
71) Anthracene	11.44	178	119555	3.28	ng		97
72) Carbazole	11.60	167	102053	2.94	ng		95
73) Di-n-butylphthalate	11.93	149	107375	2.50	ng		98
74) Fluoranthene	12.57	202	107916	3.36	ng		98
77) Pyrene	12.80	202	117403	2.60	ng		100
80) Benzo(a)anthracene	13.99	228	85866	2.67	ng		95
81) 3,3'-Dichlorobenzidine	13.95	252	58354	2.60	ng		99
82) Chrysene	14.02	228	106244	3.04	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	59918	2.20	ng		99
84) Di-n-octyl phthalate	14.59	149	110098	2.22	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	91144	2.61	ng		99
87) Benzo(b)fluoranthene	15.00	252	72317m	2.08	ng		
89) Benzo(a)pyrene	15.35	252	91606	2.93	ng	#	94
90) Dibenzo(a,h)anthracene	16.81	278	73678	2.74	ng		95
91) Benzo(g,h,i)perylene	17.20	276	77465	2.98	ng		94

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

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