Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086819.D
Acq On : 9 May 2016 12:15
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
5/10/2016 11:05:43 AM

Quant Time: May 09 15:54:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 14:52:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	155107	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	646579	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	328940	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	676240	20.00	ng		0.00
75) Chrysene-d12	13.84	240	588899	20.00	ng		0.00
86) Perylene-d12	15.21	264	484491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	41961	4.67	ng		0.01
7) Phenol-d6	6.35	99	68890	5.49	ng		-0.01
23) Nitrobenzene-d5	7.26	82	66668	5.56	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	18561	5.35	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.79	244	157014	5.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	11278	2.39	ng	#	64
3) Pyridine	3.05	79	27500m	2.46	ng		
4) n-Nitrosodimethylamine	2.89	42	17994m	2.82	ng		
6) Aniline	6.36	93	37590	2.48	ng	#	63
8) 2-Chlorophenol	6.49	128	30039	2.68	ng		92
9) Benzaldehyde	6.25	77	18811	2.58	ng		92
10) Phenol	6.37	94	40663	2.90	ng	#	44
11) bis(2-Chloroethyl)ether	6.43	93	30144	2.49	ng		89
12) 1,3-Dichlorobenzene	6.62	146	33532m	2.78	ng		
13) 1,4-Dichlorobenzene	6.70	146	35448	2.85	ng		95
14) 1,2-Dichlorobenzene	6.86	146	32594	2.86	ng		95
15) Benzyl Alcohol	6.85	79	20856	2.63	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	6.98	45	76389	3.15	ng		84
17) 2-Methylphenol	6.98	107	22334	2.47	ng	#	79
18) Hexachloroethane	7.20	117	12434	2.68	ng		92
19) n-Nitroso-di-n-propylamine	7.10	70	23255	2.80	ng	#	55
20) 3+4-Methylphenols	7.14	107	28294	2.74	ng	#	69
22) Acetophenone	7.10	105	41351	2.92	ng	#	82
24) Nitrobenzene	7.28	77	34771	2.82	ng		98
25) Isophorone	7.52	82	68171	2.95	ng		97
26) 2-Nitrophenol	7.61	139	13472	2.37	ng		94
27) 2,4-Dimethylphenol	7.65	122	27857	2.79	ng		91
28) bis(2-Chloroethoxy)methane	7.74	93	34516	2.74	ng		100
29) 2,4-Dichlorophenol	7.86	162	22941	2.73	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	27581	2.83	ng		91
31) Naphthalene	8.00	128	98578	3.00	ng		99
33) 4-Chloroaniline	8.06	127	35698	2.90	ng	#	91
34) Hexachlorobutadiene	8.12	225	16672	3.05	ng		97
35) Caprolactam	8.41	113	6741	2.40	ng	#	70
36) 4-Chloro-3-methylphenol	8.56	107	28565	2.97	ng		89
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	28005	2.97	ng		99
42) 2,4,6-Trichlorophenol	8.98	196	17046	2.86	ng		94
43) 2,4,5-Trichlorophenol	9.02	196	18607	2.87	ng	#	83
45) 1,1'-Biphenyl	9.15	154	81120	2.95	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.17	162	61049	2.92	ng		92
47) 2-Nitroaniline	9.29	65	17971	2.68	ng	#	72
49) Dimethylphthalate	9.46	163	74302	3.00	ng		99
50) 2,6-Dinitrotoluene	9.52	165	12950	2.53	ng	#	44
52) 3-Nitroaniline	9.70	138	11983	2.06	ng	#	74
56) 2,4-Dinitrotoluene	9.93	165	16419	2.52	ng	#	71
58) 2,3,4,6-Tetrachlorophenol	10.06	232	13274	2.62	ng	#	97
59) Diethylphthalate	10.16	149	71751	3.06	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	34855	3.37	ng	#	85
62) Azobenzene	10.42	77	76167	2.97	ng		78
65) n-Nitrosodiphenylamine	10.38	169	59396	2.81	ng		97
66) 4-Bromophenyl-phenylether	10.75	248	18172	2.61	ng	#	84
67) Hexachlorobenzene	10.82	284	22642	2.81	ng		97
68) Atrazine	10.92	200	17663	2.78	ng		96
70) Phenanthrene	11.23	178	107565	3.03	ng		98
71) Anthracene	11.28	178	110465	2.92	ng		97
72) Carbazole	11.45	167	88707	2.64	ng		99
73) Di-n-butylphthalate	11.78	149	107634	2.83	ng		98
74) Fluoranthene	12.41	202	111187	3.10	ng		98
77) Pyrene	12.64	202	118821	2.80	ng		98
79) Butylbenzylphthalate	13.27	149	45691	2.49	ng	#	81
80) Benzo(a)anthracene	13.83	228	92388	2.94	ng		95
81) 3,3'-Dichlorobenzidine	13.79	252	53219	2.54	ng		99
82) Chrysene	13.86	228	99586	2.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	62673	2.75	ng	#	98
84) Di-n-octyl phthalate	14.43	149	96785	2.71	ng	#	82
85) Indeno(1,2,3-cd)pyrene	16.50	276	63463	2.51	ng		96
87) Benzo(b)fluoranthene	14.83	252	92066m	3.23	ng		
88) Benzo(k)fluoranthene	14.85	252	70886m	2.38	ng		
89) Benzo(a)pyrene	15.15	252	76976	2.86	ng		99
90) Dibenzo(a,h)anthracene	16.51	278	53088	2.41	ng	#	95
91) Benzo(g,h,i)perylene	16.88	276	51165	2.32	ng		98

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

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