Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080541.D
Acq On : 17 Jul 2015 18:58
Operator : TP/UM
Sample : SSTDICC2.5
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
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7/20/2015 3:43:56 PM

Quant Time: Jul 20 13:28:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	42505	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	182160	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	77142	20.00	ng		0.00
63) Phenanthrene-d10	11.60	188	144341	20.00	ng		0.00
75) Chrysene-d12	14.37	240	108828	20.00	ng		0.02
86) Perylene-d12	16.05	264	95112	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0d	0.00	ng		
7) Phenol-d6	6.73	99	13223	3.96	ng		0.02
23) Nitrobenzene-d5	7.64	82	10895	3.56	ng		0.01
41) 2,4,6-Tribromophenol	10.90	330	2595	4.23	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	30687	5.45	ng		0.00
78) Terphenyl-d14	13.20	244	22189	4.28	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	6.86	128	6890	2.48	ng		94
9) Benzaldehyde	6.65	77	4642	2.12	ng		92
10) Phenol	6.74	94	8663	2.41	ng		92
11) bis(2-Chloroethyl)ether	6.80	93	7782	2.96	ng		89
12) 1,3-Dichlorobenzene	7.01	146	8143m	2.36	ng		
13) 1,4-Dichlorobenzene	7.08	146	8331	2.31	ng		92
14) 1,2-Dichlorobenzene	7.24	146	7937	2.49	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.34	45	11828	2.52	ng		96
17) 2-Methylphenol	7.34	107	5106	2.32	ng	#	89
18) Hexachloroethane	7.58	117	2801	2.60	ng		93
20) 3+4-Methylphenols	7.52	107	7173	2.38	ng	#	83
22) Acetophenone	7.49	105	9246	2.33	ng	#	89
27) 2,4-Dimethylphenol	8.02	122	5549	2.11	ng		93
28) bis(2-Chloroethoxy)methane	8.10	93	7397	2.36	ng	#	97
30) 1,2,4-Trichlorobenzene	8.29	180	7089	2.56	ng		94
31) Naphthalene	8.37	128	21838	2.43	ng		98
33) 4-Chloroaniline	8.44	127	7325	2.10	ng	#	83
34) Hexachlorobutadiene	8.49	225	3319	2.14	ng		92
37) 2-Methylnaphthalene	9.07	142	13740	2.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	6387	2.60	ng		97
42) 2,4,6-Trichlorophenol	9.36	196	2975	2.02	ng		98
43) 2,4,5-Trichlorophenol	9.40	196	3203	2.06	ng	#	95
45) 1,1'-Biphenyl	9.53	154	16302	2.58	ng		95
46) 2-Chloronaphthalene	9.55	162	11800	2.49	ng	#	89
48) Acenaphthylene	9.97	152	17288	2.21	ng		99
49) Dimethylphthalate	9.82	163	11397	2.18	ng		97
51) Acenaphthene	10.14	154	11386	2.44	ng		99
54) Dibenzofuran	10.32	168	17890	2.67	ng		94
57) Fluorene	10.66	166	13178	2.50	ng		99
60) 4-Chlorophenyl-phenylether	10.65	204	6076	2.58	ng		97
65) n-Nitrosodiphenylamine	10.76	169	10307	2.12	ng		98
66) 4-Bromophenyl-phenylether	11.14	248	2842	2.05	ng	#	81
67) Hexachlorobenzene	11.21	284	3672	2.37	ng	#	90
70) Phenanthrene	11.62	178	19565	2.43	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Anthracene	11.68	178	16721	2.19	ng		99
72) Carbazole	11.84	167	14764	2.20	ng		98
74) Fluoranthene	12.83	202	15543	2.07	ng		96
77) Pyrene	13.07	202	16260	2.31	ng		99
80) Benzo(a)anthracene	14.36	228	13384	2.20	ng		98
82) Chrysene	14.41	228	15542	2.63	ng		99
87) Benzo(b)fluoranthene	15.60	252	12837	2.34	ng		98
89) Benzo(a)pyrene	15.99	252	10321	2.02	ng	#	91

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

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