Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088331.D
Acq On : 24 Jun 2016 15:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/27/2016 8:11:38 PM

Quant Time: Jun 24 17:55:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	94599	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	389586	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	183134	20.00	ng		-0.02
63) Phenanthrene-d10	11.10	188	346012	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	256746	20.00	ng		-0.02
86) Perylene-d12	15.09	264	199527	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	455681	82.35	ng		-0.01
7) Phenol-d6	6.26	99	517881	77.22	ng		0.00
23) Nitrobenzene-d5	7.16	82	496936	74.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	131008	67.75	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	966005	82.72	ng		-0.01
78) Terphenyl-d14	12.67	244	840806	74.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	110322	41.03	ng	#	43
3) Pyridine	2.64	79	226798	35.72	ng		91
4) n-Nitrosodimethylamine	2.60	42	94408	35.11	ng		79
6) Aniline	6.25	93	330073	34.58	ng		93
8) 2-Chlorophenol	6.38	128	266906	40.75	ng		92
9) Benzaldehyde	6.14	77	153207	34.85	ng		99
10) Phenol	6.27	94	303944m	43.83	ng		
11) bis(2-Chloroethyl)ether	6.33	93	259809	44.18	ng		89
12) 1,3-Dichlorobenzene	6.52	146	275239m	39.17	ng		
13) 1,4-Dichlorobenzene	6.60	146	294125	41.55	ng		99
14) 1,2-Dichlorobenzene	6.75	146	249649m	38.78	ng		
15) Benzyl Alcohol	6.75	79	196537	37.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	241825	30.44	ng	#	1
17) 2-Methylphenol	6.88	107	195339	36.78	ng	#	89
18) Hexachloroethane	7.10	117	100421	39.98	ng		93
19) n-Nitroso-di-n-propylamine	7.03	70	181009	42.19	ng	#	81
20) 3+4-Methylphenols	7.04	107	255671	41.25	ng	#	81
22) Acetophenone	7.02	105	367343	42.19	ng	#	97
24) Nitrobenzene	7.19	77	270327	41.83	ng		95
25) Isophorone	7.43	82	477271	38.62	ng		98
26) 2-Nitrophenol	7.51	139	145341	41.98	ng	#	74
27) 2,4-Dimethylphenol	7.56	122	224000	35.14	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	315087	41.11	ng	#	97
29) 2,4-Dichlorophenol	7.76	162	214255	40.26	ng		93
30) 1,2,4-Trichlorobenzene	7.82	180	219870	37.94	ng		99
31) Naphthalene	7.90	128	741305	38.45	ng		99
32) Benzoic acid	7.74	122	107347	30.58	ng		88
33) 4-Chloroaniline	7.96	127	334245	38.82	ng	#	95
34) Hexachlorobutadiene	8.01	225	111845	36.60	ng		98
35) Caprolactam	8.35	113	70713	40.11	ng	#	78
36) 4-Chloro-3-methylphenol	8.47	107	226032	39.71	ng		99
37) 2-Methylnaphthalene	8.58	142	474809	37.37	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	204154	41.82	ng	#	1
40) Hexachlorocyclopentadiene	8.74	237	124491	42.14	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	128568	35.11	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	139522	36.62	ng	#	86
45) 1,1'-Biphenyl	9.05	154	572479	41.11	ng		99
46) 2-Chloronaphthalene	9.07	162	451463	38.10	ng		99
47) 2-Nitroaniline	9.19	65	138863	39.72	ng	#	82
48) Acenaphthylene	9.48	152	712384	37.79	ng		100
49) Dimethylphthalate	9.37	163	567283	42.76	ng		99
50) 2,6-Dinitrotoluene	9.43	165	117426	38.65	ng	#	60
51) Acenaphthene	9.66	154	419486	35.67	ng		99
52) 3-Nitroaniline	9.60	138	138042	39.38	ng		99
53) 2,4-Dinitrophenol	9.72	184	64871	44.60	ng	#	84
54) Dibenzofuran	9.83	168	615114	37.98	ng	#	87
55) 4-Nitrophenol	9.82	139	98260m	36.11	ng		
56) 2,4-Dinitrotoluene	9.84	165	167247	42.84	ng		93
57) Fluorene	10.17	166	495401	45.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	114032	38.08	ng	#	59
59) Diethylphthalate	10.06	149	506948	37.75	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	195870	36.37	ng		90
61) 4-Nitroaniline	10.23	138	142800	42.94	ng		95
62) Azobenzene	10.32	77	519925	39.15	ng		94
64) 4,6-Dinitro-2-methylphenol	10.25	198	73268	34.55	ng	#	67
65) n-Nitrosodiphenylamine	10.28	169	452885	39.45	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	141339	38.08	ng		95
67) Hexachlorobenzene	10.71	284	139176	36.08	ng		95
68) Atrazine	10.82	200	124471	35.80	ng		93
69) Pentachlorophenol	10.91	266	76179	37.47	ng		97
70) Phenanthrene	11.12	178	692875	38.16	ng		99
71) Anthracene	11.18	178	751207	41.02	ng		99
72) Carbazole	11.34	167	694563	40.53	ng		99
73) Di-n-butylphthalate	11.67	149	801003	36.92	ng		99
74) Fluoranthene	12.31	202	756563	39.48	ng		94
76) Benzidine	12.43	184	237351	33.39	ng		99
77) Pyrene	12.53	202	707427	37.13	ng		100
79) Butylbenzylphthalate	13.15	149	350777	41.64	ng		90
80) Benzo(a)anthracene	13.71	228	534434	36.53	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	164828	41.89	ng	#	96
82) Chrysene	13.75	228	537990	39.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	379701	37.03	ng		99
84) Di-n-octyl phthalate	14.32	149	653648	39.23	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	467534	36.56	ng	#	100
87) Benzo(b)fluoranthene	14.72	252	548317m	39.43	ng		
88) Benzo(k)fluoranthene	14.74	252	397866m	37.93	ng		
89) Benzo(a)pyrene	15.03	252	439814	39.09	ng		97
90) Dibenzo(a,h)anthracene	16.33	278	385889	36.93	ng		97
91) Benzo(g,h,i)perylene	16.70	276	418831	38.96	ng		99

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

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