Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088021.D
Acq On : 15 Jun 2016 2:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
sohil
6/15/2016 6:41:41 PM

Quant Time: Jun 15 05:33:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109936	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	410886	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	175946	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	279555	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	239416	20.00	ng		-0.01
86) Perylene-d12	15.35	264	196847	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	476090	74.03	ng		-0.01
7) Phenol-d6	6.42	99	607525	77.95	ng		-0.01
23) Nitrobenzene-d5	7.36	82	570290	81.05	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	111152	59.83	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	856874	75.91	ng		-0.01
78) Terphenyl-d14	12.89	244	716539	68.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	123977	39.68	ng	#	42
3) Pyridine	3.00	79	289550	39.25	ng		94
4) n-Nitrosodimethylamine	2.96	42	120088	38.43	ng		82
6) Aniline	6.44	93	384557	34.67	ng	#	67
8) 2-Chlorophenol	6.57	128	303201	39.83	ng		88
9) Benzaldehyde	6.33	77	176455	34.32	ng		99
10) Phenol	6.44	94	324070	40.00	ng	#	48
11) bis(2-Chloroethyl)ether	6.52	93	261316	38.24	ng		90
12) 1,3-Dichlorobenzene	6.72	146	296766	36.34	ng		98
13) 1,4-Dichlorobenzene	6.80	146	296383	36.03	ng		98
14) 1,2-Dichlorobenzene	6.96	146	306576	40.98	ng		97
15) Benzyl Alcohol	6.94	79	223572	36.67	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	345361	37.41	ng		92
17) 2-Methylphenol	7.05	107	223804	36.26	ng		97
18) Hexachloroethane	7.30	117	91953	31.50	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	179492	36.00	ng		89
20) 3+4-Methylphenols	7.21	107	275075	38.19	ng	#	83
22) Acetophenone	7.20	105	348729	37.98	ng	#	93
24) Nitrobenzene	7.37	77	244098	35.81	ng		88
25) Isophorone	7.62	82	507169	38.91	ng	#	93
26) 2-Nitrophenol	7.69	139	137081	37.54	ng	#	85
27) 2,4-Dimethylphenol	7.74	122	260418	38.74	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	308271	38.13	ng	#	97
29) 2,4-Dichlorophenol	7.94	162	219180	39.05	ng		88
30) 1,2,4-Trichlorobenzene	8.02	180	235157	38.48	ng		94
31) Naphthalene	8.09	128	760233	37.39	ng		99
32) Benzoic acid	7.85	122	110342m	29.81	ng		
33) 4-Chloroaniline	8.15	127	341371	37.60	ng		97
34) Hexachlorobutadiene	8.22	225	127457	39.54	ng		100
35) Caprolactam	8.52	113	65213	35.08	ng		95
36) 4-Chloro-3-methylphenol	8.64	107	236069	39.33	ng		93
37) 2-Methylnaphthalene	8.79	142	494789	36.92	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	223888	51.33	ng	#	1
42) 2,4,6-Trichlorophenol	9.07	196	144683	41.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	136755	37.36	ng	#	88
45) 1,1'-Biphenyl	9.26	154	633253	48.42	ng		97
46) 2-Chloronaphthalene	9.28	162	482917	42.41	ng		94
47) 2-Nitroaniline	9.37	65	118264	35.21	ng		93
48) Acenaphthylene	9.69	152	694442	38.35	ng		99
49) Dimethylphthalate	9.55	163	505067	39.63	ng		99
50) 2,6-Dinitrotoluene	9.62	165	124119	42.52	ng		98
51) Acenaphthene	9.86	154	396249	35.07	ng		99
52) 3-Nitroaniline	9.78	138	119690	35.54	ng		98
53) 2,4-Dinitrophenol	9.90	184	5420	7.18	ng	#	72
54) Dibenzofuran	10.03	168	592714	38.09	ng		93
55) 4-Nitrophenol	9.95	139	93192	35.65	ng	#	75
56) 2,4-Dinitrotoluene	10.02	165	144600	38.55	ng	#	85
57) Fluorene	10.38	166	449078	42.44	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	101139	35.16	ng	#	58
59) Diethylphthalate	10.25	149	494421	38.32	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	185700	35.89	ng		91
61) 4-Nitroaniline	10.40	138	148566	46.50	ng		94
62) Azobenzene	10.52	77	445181	34.90	ng		95
64) 4,6-Dinitro-2-methylphenol	10.42	198	11651	8.54	ng		90
65) n-Nitrosodiphenylamine	10.49	169	426213	45.95	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	118673	39.57	ng	#	89
67) Hexachlorobenzene	10.92	284	122947	39.45	ng	#	83
68) Atrazine	11.02	200	99388	35.38	ng		92
69) Pentachlorophenol	11.12	266	65103	39.63	ng		98
70) Phenanthrene	11.34	178	623239	42.49	ng		99
71) Anthracene	11.38	178	577268	39.01	ng		99
72) Carbazole	11.54	167	581519	42.00	ng		99
73) Di-n-butylphthalate	11.87	149	678365	38.70	ng		100
74) Fluoranthene	12.51	202	599958	38.75	ng		96
76) Benzidine	12.65	184	395474	59.66	ng		98
77) Pyrene	12.74	202	607690	34.20	ng		100
79) Butylbenzylphthalate	13.37	149	306113	38.97	ng		92
80) Benzo(a)anthracene	13.93	228	522769	38.32	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	174900	47.67	ng	#	97
82) Chrysene	13.98	228	545971	42.54	ng		97
83) Bis(2-ethylhexyl)phthalate	13.93	149	374877	39.21	ng		100
84) Di-n-octyl phthalate	14.55	149	780181	50.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	409154	34.31	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	577958m	42.13	ng		
88) Benzo(k)fluoranthene	14.98	252	360554m	34.84	ng		
89) Benzo(a)pyrene	15.29	252	436941	39.36	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	340180	33.00	ng		97
91) Benzo(g,h,i)perylene	17.12	276	336551	31.73	ng		98

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

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