Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088057.D
Acq On : 16 Jun 2016 2:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
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6/16/2016 6:47:39 PM

Quant Time: Jun 16 04:18:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 03:20:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	137347	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	524876	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	217654	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	354971	20.00	ng		0.00
75) Chrysene-d12	13.90	240	249558	20.00	ng		0.00
86) Perylene-d12	15.29	264	279564	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	638896	79.52	ng		0.01
7) Phenol-d6	6.39	99	752299	77.26	ng		0.00
23) Nitrobenzene-d5	7.32	82	708175	78.79	ng		0.01
41) 2,4,6-Tribromophenol	10.57	330	135714	59.05	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1156181	83.34	ng		0.00
78) Terphenyl-d14	12.84	244	701607	63.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	164534	42.15	ng	#	40
3) Pyridine	2.94	79	427818	46.41	ng		99
4) n-Nitrosodimethylamine	2.90	42	156282	40.03	ng		83
6) Aniline	6.41	93	459782	33.18	ng	#	39
8) 2-Chlorophenol	6.54	128	364989	38.38	ng		82
9) Benzaldehyde	6.28	77	185308	26.40	ng		90
10) Phenol	6.41	94	434094	43.07	ng	#	67
11) bis(2-Chloroethyl)ether	6.49	93	352157	41.25	ng		88
12) 1,3-Dichlorobenzene	6.68	146	381779	37.42	ng		97
13) 1,4-Dichlorobenzene	6.76	146	402307	39.14	ng		98
14) 1,2-Dichlorobenzene	6.91	146	332436m	35.57	ng		
15) Benzyl Alcohol	6.90	79	251965	33.08	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	418501	36.28	ng		88
17) 2-Methylphenol	7.02	107	280765	36.41	ng		99
18) Hexachloroethane	7.26	117	134725	36.94	ng		90
19) n-Nitroso-di-n-propylamine	7.18	70	200089	32.12	ng		88
20) 3+4-Methylphenols	7.18	107	331049	36.79	ng	#	81
22) Acetophenone	7.16	105	425267	36.26	ng	#	93
24) Nitrobenzene	7.34	77	317452	36.46	ng		90
25) Isophorone	7.58	82	618841	37.17	ng		99
26) 2-Nitrophenol	7.66	139	207828	44.56	ng	#	75
27) 2,4-Dimethylphenol	7.70	122	328590	38.26	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	388517	37.62	ng	#	97
29) 2,4-Dichlorophenol	7.90	162	264893	36.94	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	280024	35.87	ng		99
31) Naphthalene	8.06	128	916648	35.29	ng		100
32) Benzoic acid	7.85	122	164957	34.88	ng		95
33) 4-Chloroaniline	8.11	127	419560	36.17	ng		96
34) Hexachlorobutadiene	8.18	225	151563	36.81	ng		99
35) Caprolactam	8.50	113	90642	38.17	ng	#	86
36) 4-Chloro-3-methylphenol	8.60	107	297780	38.83	ng		91
37) 2-Methylnaphthalene	8.75	142	602750	35.21	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	247689	43.10	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	41826	11.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	169236	38.88	ng		97
43) 2,4,5-Trichlorophenol	9.07	196	185021	40.86	ng		96
45) 1,1'-Biphenyl	9.21	154	662508	39.84	ng		99
46) 2-Chloronaphthalene	9.23	162	525677	37.32	ng		100
47) 2-Nitroaniline	9.34	65	176440	42.47	ng	#	82
48) Acenaphthylene	9.64	152	776187	34.65	ng		100
49) Dimethylphthalate	9.52	163	605966	38.43	ng		100
50) 2,6-Dinitrotoluene	9.58	165	141581	39.21	ng	#	62
51) Acenaphthene	9.82	154	507000	36.28	ng		99
52) 3-Nitroaniline	9.75	138	160669	38.56	ng		92
53) 2,4-Dinitrophenol	9.85	184	45982	29.08	ng	#	86
54) Dibenzofuran	9.99	168	664712	34.54	ng	#	89
55) 4-Nitrophenol	9.92	139	122359	37.84	ng	#	70
56) 2,4-Dinitrotoluene	9.99	165	173671	37.43	ng	#	85
57) Fluorene	10.33	166	453744	33.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	141147	39.66	ng	#	56
59) Diethylphthalate	10.22	149	629496	39.44	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	238076	37.20	ng		90
61) 4-Nitroaniline	10.36	138	169950	43.00	ng		89
62) Azobenzene	10.49	77	618111	39.17	ng		89
64) 4,6-Dinitro-2-methylphenol	10.39	198	71036	32.77	ng		96
65) n-Nitrosodiphenylamine	10.44	169	472155	40.09	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	144041	37.82	ng	#	81
67) Hexachlorobenzene	10.88	284	153572	38.81	ng	#	91
68) Atrazine	10.98	200	153016	42.90	ng		97
69) Pentachlorophenol	11.07	266	77064	36.95	ng		98
70) Phenanthrene	11.29	178	728273	39.10	ng		99
71) Anthracene	11.34	178	709848	37.78	ng		99
72) Carbazole	11.50	167	626297	35.62	ng		100
73) Di-n-butylphthalate	11.84	149	860981	38.68	ng	#	97
74) Fluoranthene	12.47	202	640969	32.61	ng		97
76) Benzidine	12.59	184	278590	40.32	ng		99
77) Pyrene	12.70	202	611532	33.02	ng		100
79) Butylbenzylphthalate	13.33	149	324522	39.64	ng		94
80) Benzo(a)anthracene	13.89	228	530374	37.29	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	165596	43.30	ng	#	97
82) Chrysene	13.92	228	538953	40.28	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	361936	36.31	ng		100
84) Di-n-octyl phthalate	14.49	149	769021	47.48	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	574007	46.18	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	614748m	31.55	ng		
88) Benzo(k)fluoranthene	14.94	252	603210m	41.04	ng		
89) Benzo(a)pyrene	15.25	252	602816	38.24	ng	#	93
90) Dibenzo(a,h)anthracene	16.64	278	481518	32.89	ng		97
91) Benzo(g,h,i)perylene	17.03	276	474719	31.52	ng		98

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

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