Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087923.D
Acq On : 12 Jun 2016 2:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/13/2016 7:44:42 PM

Quant Time: Jun 12 05:59:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	119765	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	502893	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	250851	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	442967	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	321895	20.00	ng		-0.02
86) Perylene-d12	15.37	264	244492	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	511235	72.97	ng		-0.05
7) Phenol-d6	6.44	99	726512	85.57	ng		-0.03
23) Nitrobenzene-d5	7.37	82	650500	75.53	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	188366	71.12	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1224337	76.09	ng		-0.03
78) Terphenyl-d14	12.91	244	865750	61.20	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	136564	40.12	ng	#	38
3) Pyridine	3.04	79	308298	38.36	ng		95
4) n-Nitrosodimethylamine	2.99	42	118978	34.95	ng		88
6) Aniline	6.47	93	492002	40.71	ng		98
8) 2-Chlorophenol	6.58	128	315693	38.07	ng		100
9) Benzaldehyde	6.34	77	195716	35.40	ng		91
10) Phenol	6.46	94	422930	48.44	ng		73
11) bis(2-Chloroethyl)ether	6.55	93	312252	41.94	ng	#	82
12) 1,3-Dichlorobenzene	6.74	146	343579	38.62	ng		97
13) 1,4-Dichlorobenzene	6.82	146	361708	40.36	ng		98
14) 1,2-Dichlorobenzene	6.97	146	306474m	37.60	ng		
15) Benzyl Alcohol	6.95	79	242009	36.43	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	404237	40.19	ng		89
17) 2-Methylphenol	7.06	107	269188	40.03	ng		98
18) Hexachloroethane	7.31	117	122274	38.45	ng	#	83
19) n-Nitroso-di-n-propylamine	7.23	70	239990	44.18	ng	#	84
20) 3+4-Methylphenols	7.22	107	285631	36.40	ng	#	79
22) Acetophenone	7.22	105	419294	37.31	ng	#	90
24) Nitrobenzene	7.39	77	357957	42.91	ng		93
25) Isophorone	7.63	82	616331	38.64	ng		99
26) 2-Nitrophenol	7.71	139	189598	42.43	ng	#	71
27) 2,4-Dimethylphenol	7.75	122	311297	37.83	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	412787	41.72	ng		98
29) 2,4-Dichlorophenol	7.95	162	290252	42.25	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	275009	36.76	ng		99
31) Naphthalene	8.11	128	891989	35.84	ng		100
32) Benzoic acid	7.88	122	191788	42.33	ng		95
33) 4-Chloroaniline	8.17	127	459561	41.35	ng	#	92
34) Hexachlorobutadiene	8.24	225	154247	39.10	ng		98
35) Caprolactam	8.55	113	90044	39.57	ng		89
36) 4-Chloro-3-methylphenol	8.65	107	290716	39.57	ng		99
37) 2-Methylnaphthalene	8.81	142	655627	39.97	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	247410	35.26	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	134118	33.15	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	195274	38.93	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	192253	36.84	ng	#	85
45) 1,1'-Biphenyl	9.27	154	726657	37.57	ng		99
46) 2-Chloronaphthalene	9.29	162	587295	36.18	ng		100
47) 2-Nitroaniline	9.39	65	203005	42.39	ng	#	77
48) Acenaphthylene	9.71	152	979759	37.95	ng		99
49) Dimethylphthalate	9.58	163	628741	34.60	ng		99
50) 2,6-Dinitrotoluene	9.63	165	145768	35.03	ng	#	64
51) Acenaphthene	9.88	154	628862	39.04	ng		100
52) 3-Nitroaniline	9.80	138	198740	41.39	ng		91
53) 2,4-Dinitrophenol	9.91	184	84199	42.65	ng	#	85
54) Dibenzofuran	10.06	168	884697	39.88	ng		96
55) 4-Nitrophenol	9.96	139	156598	42.02	ng	#	84
56) 2,4-Dinitrotoluene	10.03	165	191219	35.75	ng	#	61
57) Fluorene	10.40	166	623586	41.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	162318	39.58	ng	#	53
59) Diethylphthalate	10.27	149	665546	36.18	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	251421	34.08	ng		99
61) 4-Nitroaniline	10.42	138	192545	42.27	ng		85
62) Azobenzene	10.55	77	690880	37.98	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	112859	41.13	ng		82
65) n-Nitrosodiphenylamine	10.51	169	604456	41.12	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	188750	39.72	ng		100
67) Hexachlorobenzene	10.94	284	181196	36.70	ng		94
68) Atrazine	11.04	200	182217	40.94	ng		93
69) Pentachlorophenol	11.13	266	110218	42.35	ng		97
70) Phenanthrene	11.35	178	907765	39.05	ng		100
71) Anthracene	11.40	178	960278	40.96	ng		100
72) Carbazole	11.55	167	875296	39.89	ng		100
73) Di-n-butylphthalate	11.90	149	1031180	37.13	ng		100
74) Fluoranthene	12.54	202	815853	33.26	ng		100
76) Benzidine	12.66	184	406052	45.56	ng		99
77) Pyrene	12.77	202	846273	35.43	ng		99
79) Butylbenzylphthalate	13.39	149	417265	39.51	ng		93
80) Benzo(a)anthracene	13.95	228	641281	34.96	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	204916	41.54	ng	#	98
82) Chrysene	13.99	228	619915	35.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	487931	37.95	ng	#	98
84) Di-n-octyl phthalate	14.56	149	878132	42.04	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	567039	35.37	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	584328	34.29	ng	#	96
88) Benzo(k)fluoranthene	15.01	252	600430m	46.71	ng		
89) Benzo(a)pyrene	15.31	252	539831	39.15	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	467062	36.47	ng		95
91) Benzo(g,h,i)perylene	17.15	276	504840	38.33	ng		99

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

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