Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087464.D
Acq On : 28 May 2016 3:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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5/31/2016 7:01:51 PM

Quant Time: May 31 11:47:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	181572	20.00	ng		-0.03
21) Naphthalene-d8	9.52	136	773651	20.00	ng		-0.03
38) Acenaphthene-d10	12.35	164	363473	20.00	ng		-0.03
63) Phenanthrene-d10	14.75	188	684376	20.00	ng		-0.02
75) Chrysene-d12	18.46	240	476242	20.00	ng		-0.02
86) Perylene-d12	20.11	264	391826	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	920020	89.03	ng		-0.03
7) Phenol-d6	7.05	99	1186066	84.95	ng		-0.02
23) Nitrobenzene-d5	8.42	82	1246903	81.23	ng		-0.02
41) 2,4,6-Tribromophenol	13.65	330	279976	80.16	ng		-0.03
44) 2-Fluorobiphenyl	11.30	172	1982064	76.88	ng		-0.03
78) Terphenyl-d14	17.11	244	1887526	84.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	214065	39.26	ng	#	75
3) Pyridine	2.35	79	471034m	39.52	ng		
4) n-Nitrosodimethylamine	2.34	42	406311	44.24	ng	#	44
6) Aniline	6.99	93	779307	43.14	ng		94
8) 2-Chlorophenol	7.18	128	540944	41.98	ng		95
9) Benzaldehyde	6.81	77	305775	39.67	ng		99
10) Phenol	7.07	94	661848	43.41	ng		87
11) bis(2-Chloroethyl)ether	7.14	93	502262	40.70	ng		88
12) 1,3-Dichlorobenzene	7.38	146	566678	40.32	ng	#	91
13) 1,4-Dichlorobenzene	7.52	146	592000	41.03	ng		96
14) 1,2-Dichlorobenzene	7.75	146	546039	40.91	ng		97
15) Benzyl Alcohol	7.79	79	446491	43.86	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.98	45	1092432	39.34	ng		87
17) 2-Methylphenol	8.01	107	441635	42.76	ng	#	89
18) Hexachloroethane	8.26	117	222018	41.24	ng		95
19) n-Nitroso-di-n-propylamine	8.23	70	441451	42.39	ng	#	73
20) 3+4-Methylphenols	8.27	107	570881	45.73	ng	#	61
22) Acetophenone	8.19	105	772051	41.77	ng	#	98
24) Nitrobenzene	8.44	77	644667	39.78	ng		97
25) Isophorone	8.84	82	1136830	41.29	ng		99
26) 2-Nitrophenol	8.95	139	283082	42.74	ng	#	72
27) 2,4-Dimethylphenol	9.10	122	478488	41.61	ng		86
28) bis(2-Chloroethoxy)methane	9.22	93	630842	40.68	ng		98
29) 2,4-Dichlorophenol	9.36	162	411797	39.74	ng		97
30) 1,2,4-Trichlorobenzene	9.45	180	470310	39.65	ng		96
31) Naphthalene	9.55	128	1547150	39.91	ng		99
32) Benzoic acid	9.47	122	249475	42.85	ng	#	80
33) 4-Chloroaniline	9.70	127	579613	40.59	ng	#	92
34) Hexachlorobutadiene	9.77	225	290750	40.32	ng		98
35) Caprolactam	10.38	113	133333m	44.09	ng		
36) 4-Chloro-3-methylphenol	10.57	107	496333	42.37	ng		89
37) 2-Methylnaphthalene	10.68	142	968714	40.00	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.96	216	457868	39.35	ng		99
40) Hexachlorocyclopentadiene	10.92	237	137177	34.72	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	275355	41.00	ng		93
43) 2,4,5-Trichlorophenol	11.27	196	264977	38.74	ng	#	91
45) 1,1'-Biphenyl	11.45	154	1141485	37.30	ng		96
46) 2-Chloronaphthalene	11.47	162	917855	39.20	ng		97
47) 2-Nitroaniline	11.69	65	365976	43.39	ng	#	77
48) Acenaphthylene	12.13	152	1431996	38.63	ng		99
49) Dimethylphthalate	12.01	163	1156758	39.73	ng		100
50) 2,6-Dinitrotoluene	12.11	165	243123	41.44	ng	#	80
51) Acenaphthene	12.41	154	904043	39.68	ng		97
52) 3-Nitroaniline	12.38	138	259724	43.13	ng		86
53) 2,4-Dinitrophenol	12.58	184	117857	42.59	ng	#	85
54) Dibenzofuran	12.70	168	1201166	38.94	ng		97
55) 4-Nitrophenol	12.77	139	119305	41.54	ng	#	22
56) 2,4-Dinitrotoluene	12.77	165	321223	40.97	ng	#	90
57) Fluorene	13.25	166	1006710	37.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.93	232	218111	41.46	ng		98
59) Diethylphthalate	13.15	149	1136496	40.15	ng		100
60) 4-Chlorophenyl-phenylether	13.27	204	502368	38.51	ng		99
61) 4-Nitroaniline	13.38	138	229691	40.87	ng	#	63
62) Azobenzene	13.53	77	1195730	40.72	ng		86
64) 4,6-Dinitro-2-methylphenol	13.44	198	180048	41.38	ng	#	83
65) n-Nitrosodiphenylamine	13.50	169	888163	40.13	ng		99
66) 4-Bromophenyl-phenylether	14.06	248	287377	38.38	ng		97
67) Hexachlorobenzene	14.13	284	302603	38.64	ng	#	68
68) Atrazine	14.41	200	219434	31.10	ng		93
69) Pentachlorophenol	14.49	266	106492	46.56	ng		95
70) Phenanthrene	14.79	178	1447823	38.19	ng		100
71) Anthracene	14.88	178	1512352	39.49	ng		99
72) Carbazole	15.17	167	1274486	39.02	ng		98
73) Di-n-butylphthalate	15.74	149	1692150	40.06	ng	#	98
74) Fluoranthene	16.55	202	1461548	38.45	ng		97
76) Benzidine	16.78	184	555744	45.35	ng		99
77) Pyrene	16.86	202	1523512	44.44	ng		100
79) Butylbenzylphthalate	17.77	149	705054	46.38	ng	#	84
80) Benzo(a)anthracene	18.43	228	1123474	41.47	ng		99
81) 3,3'-Dichlorobenzidine	18.43	252	645298	43.12	ng	#	93
82) Chrysene	18.49	228	1070036	39.80	ng		99
83) Bis(2-ethylhexyl)phthalate	18.51	149	963988	43.46	ng		98
84) Di-n-octyl phthalate	19.28	149	1316506	38.92	ng	#	84
85) Indeno(1,2,3-cd)pyrene	21.34	276	924013	42.87	ng		94
87) Benzo(b)fluoranthene	19.71	252	885572m	35.48	ng		
88) Benzo(k)fluoranthene	19.74	252	906837m	42.21	ng		
89) Benzo(a)pyrene	20.06	252	842705	39.04	ng	#	95
90) Dibenzo(a,h)anthracene	21.34	278	776805	42.19	ng		97
91) Benzo(g,h,i)perylene	21.68	276	767877	42.27	ng		94

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

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