Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
Data File : BF087441.D
Acq On : 27 May 2016 11:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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5/27/2016 7:38:23 PM

Quant Time: May 27 13:03:02 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	7.51	152	159735	20.00	ng		-0.01
21) Naphthalene-d8	9.54	136	636540	20.00	ng		-0.01
38) Acenaphthene-d10	12.37	164	267077	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	416187	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	342664	20.00	ng		-0.01
86) Perylene-d12	20.14	264	339726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	802976	88.33	ng		-0.01
7) Phenol-d6	7.07	99	1009843	82.21	ng		0.00
23) Nitrobenzene-d5	8.43	82	1081027	85.59	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	184714	71.97	ng		-0.01
44) 2-Fluorobiphenyl	11.32	172	1505161	79.45	ng		-0.01
78) Terphenyl-d14	17.12	244	1037750	64.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	171886	35.83	ng	#	74
3) Pyridine	2.39	79	438891	41.85	ng	#	59
4) n-Nitrosodimethylamine	2.38	42	342524	42.39	ng	#	45
6) Aniline	7.02	93	649953	40.90	ng		94
8) 2-Chlorophenol	7.20	128	465270	41.04	ng		94
9) Benzaldehyde	6.82	77	237063	34.96	ng		97
10) Phenol	7.10	94	568870	42.41	ng		88
11) bis(2-Chloroethyl)ether	7.15	93	441882	40.70	ng		83
12) 1,3-Dichlorobenzene	7.40	146	490256m	39.65	ng		
13) 1,4-Dichlorobenzene	7.54	146	506555	39.90	ng		97
14) 1,2-Dichlorobenzene	7.77	146	467696	39.83	ng		96
15) Benzyl Alcohol	7.82	79	371256	41.46	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.01	45	947426	38.79	ng		87
17) 2-Methylphenol	8.03	107	372407	40.99	ng	#	91
18) Hexachloroethane	8.28	117	177827	37.55	ng		96
19) n-Nitroso-di-n-propylamine	8.24	70	357660	39.04	ng	#	69
20) 3+4-Methylphenols	8.30	107	480219	43.72	ng	#	60
22) Acetophenone	8.20	105	640772	42.14	ng	#	98
24) Nitrobenzene	8.47	77	563711	42.28	ng		97
25) Isophorone	8.86	82	905206	39.96	ng		99
26) 2-Nitrophenol	8.97	139	240609	44.15	ng	#	85
27) 2,4-Dimethylphenol	9.11	122	384222	40.61	ng	#	84
28) bis(2-Chloroethoxy)methane	9.23	93	495166	38.81	ng		98
29) 2,4-Dichlorophenol	9.38	162	353822	41.50	ng		98
30) 1,2,4-Trichlorobenzene	9.47	180	393824	40.35	ng		98
31) Naphthalene	9.58	128	1251112	39.22	ng		99
32) Benzoic acid	9.45	122	157908	34.31	ng	#	79
33) 4-Chloroaniline	9.74	127	474455	40.39	ng	#	92
34) Hexachlorobutadiene	9.79	225	236473	39.86	ng		98
35) Caprolactam	10.39	113	108822	43.73	ng	#	73
36) 4-Chloro-3-methylphenol	10.59	107	402113	41.72	ng		94
37) 2-Methylnaphthalene	10.70	142	769735	38.63	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	348100	40.72	ng		98
40) Hexachlorocyclopentadiene	10.95	237	12495	12.59	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	218457	44.27	ng		92
43) 2,4,5-Trichlorophenol	11.29	196	214443	42.67	ng	#	93
45) 1,1'-Biphenyl	11.47	154	925919	41.18	ng		97
46) 2-Chloronaphthalene	11.48	162	697491	40.54	ng		92
47) 2-Nitroaniline	11.71	65	276303	44.58	ng		90
48) Acenaphthylene	12.14	152	1107544	40.67	ng		99
49) Dimethylphthalate	12.02	163	873963	40.85	ng		99
50) 2,6-Dinitrotoluene	12.13	165	182145	42.25	ng	#	90
51) Acenaphthene	12.42	154	657293	39.26	ng		98
52) 3-Nitroaniline	12.39	138	178189	40.27	ng	#	81
53) 2,4-Dinitrophenol	12.61	184	44097	24.90	ng	#	80
54) Dibenzofuran	12.71	168	865178	38.17	ng		94
55) 4-Nitrophenol	12.79	139	86145	40.82	ng	#	35
56) 2,4-Dinitrotoluene	12.78	165	225431	39.13	ng	#	85
57) Fluorene	13.27	166	751625	38.24	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.95	232	144260	37.32	ng		97
59) Diethylphthalate	13.18	149	833885	40.09	ng		98
60) 4-Chlorophenyl-phenylether	13.29	204	353943	36.93	ng		95
61) 4-Nitroaniline	13.39	138	164973	39.95	ng	#	71
62) Azobenzene	13.54	77	843605	39.09	ng		84
64) 4,6-Dinitro-2-methylphenol	13.45	198	74989	28.34	ng	#	80
65) n-Nitrosodiphenylamine	13.51	169	610457	45.35	ng		100
66) 4-Bromophenyl-phenylether	14.08	248	198608	43.62	ng	#	90
67) Hexachlorobenzene	14.15	284	193154	40.56	ng	#	77
68) Atrazine	14.42	200	141090	32.89	ng		94
69) Pentachlorophenol	14.51	266	65375	46.94	ng		94
70) Phenanthrene	14.81	178	935170	40.57	ng		99
71) Anthracene	14.89	178	934496	40.13	ng		99
72) Carbazole	15.19	167	807801	40.67	ng		100
73) Di-n-butylphthalate	15.76	149	1000851	38.96	ng	#	99
74) Fluoranthene	16.57	202	863383	37.35	ng		93
76) Benzidine	16.80	184	265863	30.15	ng		98
77) Pyrene	16.87	202	829409	33.63	ng		99
79) Butylbenzylphthalate	17.78	149	368229	33.66	ng	#	76
80) Benzo(a)anthracene	18.46	228	757614	38.87	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	457265	42.47	ng	#	97
82) Chrysene	18.50	228	776750	40.15	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	489165	30.65	ng	#	95
84) Di-n-octyl phthalate	19.30	149	883745	36.31	ng	#	84
85) Indeno(1,2,3-cd)pyrene	21.36	276	758133	48.89	ng		94
87) Benzo(b)fluoranthene	19.73	252	868398	40.13	ng		98
88) Benzo(k)fluoranthene	19.76	252	669882m	35.96	ng		
89) Benzo(a)pyrene	20.08	252	734781	39.26	ng		98
90) Dibenzo(a,h)anthracene	21.37	278	651088	40.79	ng	#	93
91) Benzo(g,h,i)perylene	21.71	276	606906	38.53	ng	#	91

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

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