Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087301.D
Acq On : 23 May 2016 14:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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5/24/2016 7:38:57 PM

Quant Time: May 24 01:09:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 00:59:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	155897	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	680490	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	314725	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	580817	20.00	ng		0.00
75) Chrysene-d12	18.56	240	433102	20.00	ng		0.00
86) Perylene-d12	20.23	264	325899	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	744323	80.02	ng		0.00
7) Phenol-d6	7.15	99	964497	78.06	ng		-0.01
23) Nitrobenzene-d5	8.54	82	1017587	73.94	ng		0.00
41) 2,4,6-Tribromophenol	13.77	330	224560	66.25	ng		-0.01
44) 2-Fluorobiphenyl	11.43	172	1589932	82.22	ng		0.00
78) Terphenyl-d14	17.21	244	1554485	79.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	187064	39.55	ng	#	80
3) Pyridine	2.54	79	406410	35.95	ng	#	67
4) n-Nitrosodimethylamine	2.51	42	323293	40.09	ng	#	47
6) Aniline	7.12	93	634760	40.11	ng		92
8) 2-Chlorophenol	7.29	128	440654	39.19	ng		89
9) Benzaldehyde	6.92	77	247970	35.31	ng		96
10) Phenol	7.18	94	495480	32.98	ng		83
11) bis(2-Chloroethyl)ether	7.26	93	424995	36.23	ng		87
12) 1,3-Dichlorobenzene	7.51	146	469774m	39.34	ng		
13) 1,4-Dichlorobenzene	7.64	146	490862	40.04	ng		97
14) 1,2-Dichlorobenzene	7.87	146	450840	41.29	ng		99
15) Benzyl Alcohol	7.91	79	391982	42.59	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	943251	39.01	ng		89
17) 2-Methylphenol	8.11	107	352425	38.37	ng	#	79
18) Hexachloroethane	8.39	117	184121	39.49	ng		98
19) n-Nitroso-di-n-propylamine	8.33	70	372298	40.05	ng	#	69
20) 3+4-Methylphenols	8.38	107	463099	38.53	ng	#	61
22) Acetophenone	8.31	105	679328	40.99	ng	#	97
24) Nitrobenzene	8.56	77	539668	36.50	ng		96
25) Isophorone	8.96	82	954243	38.26	ng		99
26) 2-Nitrophenol	9.06	139	234025	37.73	ng	#	68
27) 2,4-Dimethylphenol	9.20	122	386405	36.65	ng	#	86
28) bis(2-Chloroethoxy)methane	9.34	93	543114	40.08	ng		99
29) 2,4-Dichlorophenol	9.47	162	355189	37.96	ng		96
30) 1,2,4-Trichlorobenzene	9.56	180	398660	38.27	ng		95
31) Naphthalene	9.68	128	1282619	38.35	ng		99
32) Benzoic acid	9.53	122	176901	29.10	ng	#	76
33) 4-Chloroaniline	9.82	127	490712	36.02	ng	#	91
34) Hexachlorobutadiene	9.90	225	242101	40.51	ng		97
35) Caprolactam	10.48	113	108972m	36.95	ng		
36) 4-Chloro-3-methylphenol	10.67	107	413374	36.90	ng		89
37) 2-Methylnaphthalene	10.81	142	818548	38.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	388991	41.29	ng		99
40) Hexachlorocyclopentadiene	11.05	237	123403	42.25	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	230170	38.54	ng		94
43) 2,4,5-Trichlorophenol	11.38	196	236197	38.42	ng	#	92
45) 1,1'-Biphenyl	11.58	154	1029122	39.20	ng		96
46) 2-Chloronaphthalene	11.59	162	772296	38.20	ng	#	90
47) 2-Nitroaniline	11.80	65	289916	38.04	ng	#	76
48) Acenaphthylene	12.25	152	1228598	39.49	ng		99
49) Dimethylphthalate	12.14	163	963344	39.76	ng		100
50) 2,6-Dinitrotoluene	12.23	165	209740	40.79	ng		92
51) Acenaphthene	12.54	154	753715	38.86	ng		98
52) 3-Nitroaniline	12.49	138	209986	37.72	ng		87
53) 2,4-Dinitrophenol	12.69	184	77247	30.52	ng	#	76
54) Dibenzofuran	12.82	168	1020417	40.44	ng		97
55) 4-Nitrophenol	12.87	139	90261	37.87	ng	#	53
56) 2,4-Dinitrotoluene	12.88	165	261363	39.03	ng	#	93
57) Fluorene	13.37	166	847615	40.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	175550	36.50	ng		98
59) Diethylphthalate	13.28	149	927169	40.55	ng		98
60) 4-Chlorophenyl-phenylether	13.41	204	432456	45.17	ng	#	83
61) 4-Nitroaniline	13.50	138	182679	33.67	ng	#	65
62) Azobenzene	13.66	77	993295	37.72	ng		86
64) 4,6-Dinitro-2-methylphenol	13.54	198	139984	36.62	ng	#	45
65) n-Nitrosodiphenylamine	13.61	169	711601	38.91	ng		100
66) 4-Bromophenyl-phenylether	14.18	248	239672	39.20	ng		96
67) Hexachlorobenzene	14.26	284	256766	37.57	ng	#	90
68) Atrazine	14.53	200	210043	35.30	ng		92
69) Pentachlorophenol	14.62	266	71508	29.09	ng		98
70) Phenanthrene	14.91	178	1214357	38.69	ng		99
71) Anthracene	15.01	178	1245069	38.38	ng		99
72) Carbazole	15.29	167	1075049	37.32	ng		100
73) Di-n-butylphthalate	15.86	149	1406475	41.68	ng		99
74) Fluoranthene	16.66	202	1190940	37.36	ng		97
76) Benzidine	16.89	184	440628	38.63	ng		98
77) Pyrene	16.97	202	1247380	39.97	ng		100
79) Butylbenzylphthalate	17.87	149	535466	40.39	ng	#	70
80) Benzo(a)anthracene	18.55	228	923570	36.63	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	606625	38.80	ng		97
82) Chrysene	18.59	228	918376	37.89	ng		98
83) Bis(2-ethylhexyl)phthalate	18.62	149	757967	45.41	ng	#	95
84) Di-n-octyl phthalate	19.38	149	1138786	39.79	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.49	276	727573	34.46	ng		94
87) Benzo(b)fluoranthene	19.82	252	720597m	32.37	ng		
88) Benzo(k)fluoranthene	19.85	252	792999m	50.92	ng		
89) Benzo(a)pyrene	20.17	252	705994	39.25	ng		98
90) Dibenzo(a,h)anthracene	21.50	278	611928	40.11	ng	#	93
91) Benzo(g,h,i)perylene	21.85	276	600868	39.27	ng	#	91

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

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