Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089243.D
Acq On : 23 Jul 2016 18:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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7/25/2016 6:43:06 PM

Quant Time: Jul 25 11:35:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	44876	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	185976	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	90725	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	169247	20.00	ng		-0.02
75) Chrysene-d12	13.70	240	106402	20.00	ng		-0.02
86) Perylene-d12	15.05	264	78813	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	223926	75.89	ng		-0.03
7) Phenol-d6	6.24	99	298340	78.41	ng		-0.03
23) Nitrobenzene-d5	7.15	82	278421	79.55	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	62922	77.03	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	546398	82.98	ng		-0.02
78) Terphenyl-d14	12.66	244	411352	83.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	51478	40.18	ng		97
3) Pyridine	2.60	79	118271	36.34	ng		99
4) n-Nitrosodimethylamine	2.58	42	45707	33.36	ng		98
6) Aniline	6.25	93	188670	36.70	ng	#	67
8) 2-Chlorophenol	6.36	128	136202	41.60	ng		92
9) Benzaldehyde	6.12	77	66743	31.62	ng		97
10) Phenol	6.25	94	180207	41.11	ng	#	72
11) bis(2-Chloroethyl)ether	6.33	93	136193	41.37	ng		99
12) 1,3-Dichlorobenzene	6.51	146	134892	37.31	ng		97
13) 1,4-Dichlorobenzene	6.59	146	147243	40.44	ng		98
14) 1,2-Dichlorobenzene	6.75	146	146060	42.54	ng		98
15) Benzyl Alcohol	6.74	79	100938	36.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	151450	40.37	ng	#	73
17) 2-Methylphenol	6.87	107	96299	37.34	ng		93
18) Hexachloroethane	7.08	117	55463	40.52	ng		100
19) n-Nitroso-di-n-propylamine	7.02	70	100715	40.47	ng		99
20) 3+4-Methylphenols	7.02	107	128887	36.81	ng	#	77
22) Acetophenone	7.00	105	200129	40.30	ng		99
24) Nitrobenzene	7.18	77	146804	39.77	ng		97
25) Isophorone	7.42	82	264719	41.04	ng		99
26) 2-Nitrophenol	7.50	139	64568	37.50	ng	#	80
27) 2,4-Dimethylphenol	7.54	122	109849	37.87	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	166556	41.28	ng		99
29) 2,4-Dichlorophenol	7.74	162	109047	41.71	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	118117	40.82	ng		98
31) Naphthalene	7.88	128	368010m	36.66	ng		
32) Benzoic acid	7.70	122	77171	34.59	ng		94
33) 4-Chloroaniline	7.95	127	165058	39.10	ng		97
34) Hexachlorobutadiene	8.01	225	64896	40.29	ng		99
35) Caprolactam	8.33	113	31165	38.39	ng		92
36) 4-Chloro-3-methylphenol	8.44	107	126952	40.31	ng		96
37) 2-Methylnaphthalene	8.58	142	253106	39.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	126670	37.57	ng		99
40) Hexachlorocyclopentadiene	8.73	237	32643	34.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	67507	35.77	ng		100
43) 2,4,5-Trichlorophenol	8.91	196	73916	39.02	ng		99
45) 1,1'-Biphenyl	9.05	154	305696	37.42	ng		95
46) 2-Chloronaphthalene	9.06	162	242737	39.10	ng		100
47) 2-Nitroaniline	9.18	65	77693	36.48	ng	#	71
48) Acenaphthylene	9.47	152	379331	38.86	ng		100
49) Dimethylphthalate	9.36	163	280455	40.28	ng		99
50) 2,6-Dinitrotoluene	9.42	165	61594	39.19	ng		89
51) Acenaphthene	9.64	154	219105	37.95	ng		100
52) 3-Nitroaniline	9.59	138	70957	38.01	ng		93
53) 2,4-Dinitrophenol	9.70	184	15620	25.94	ng		87
54) Dibenzofuran	9.82	168	298480	38.26	ng		99
55) 4-Nitrophenol	9.77	139	37037m	32.79	ng		
56) 2,4-Dinitrotoluene	9.82	165	76674	37.87	ng		91
57) Fluorene	10.16	166	264916	40.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	58742	43.17	ng		93
59) Diethylphthalate	10.04	149	259214	37.55	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	118005	39.03	ng		92
61) 4-Nitroaniline	10.19	138	68775	37.87	ng		94
62) Azobenzene	10.32	77	283346	37.77	ng		86
64) 4,6-Dinitro-2-methylphenol	10.23	198	36389	36.93	ng		91
65) n-Nitrosodiphenylamine	10.28	169	221557	39.17	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	68539	40.92	ng		92
67) Hexachlorobenzene	10.71	284	68017	37.76	ng	#	96
68) Atrazine	10.81	200	67957	38.42	ng		98
69) Pentachlorophenol	10.90	266	31502	37.91	ng		98
70) Phenanthrene	11.11	178	356837	38.43	ng		99
71) Anthracene	11.16	178	391014	40.52	ng		99
72) Carbazole	11.32	167	338341	39.91	ng		99
73) Di-n-butylphthalate	11.67	149	414394	39.53	ng	#	97
74) Fluoranthene	12.28	202	363604	37.26	ng		99
76) Benzidine	12.42	184	139353	38.09	ng		100
77) Pyrene	12.51	202	384041	43.70	ng		99
79) Butylbenzylphthalate	13.14	149	156722	42.16	ng		94
80) Benzo(a)anthracene	13.69	228	252296	37.23	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	91381	40.65	ng		97
82) Chrysene	13.74	228	258836	39.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	207523	42.09	ng	#	94
84) Di-n-octyl phthalate	14.32	149	310487	38.17	ng		100
85) Indeno(1,2,3-cd)pyrene	16.26	276	197061	41.92	ng		99
87) Benzo(b)fluoranthene	14.69	252	254492m	44.58	ng		
88) Benzo(k)fluoranthene	14.72	252	135064m	33.09	ng		
89) Benzo(a)pyrene	14.99	252	183408	41.39	ng		98
90) Dibenzo(a,h)anthracene	16.27	278	171617	49.05	ng	#	95
91) Benzo(g,h,i)perylene	16.63	276	175395	49.72	ng		99

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

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