Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088890.D
Acq On : 10 Jul 2016 00:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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sohil
7/11/2016 7:16:07 PM

Quant Time: Jul 11 06:47:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	93173	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	400051	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	186900	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	354313	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	193221	20.00	ng		-0.01
86) Perylene-d12	15.23	264	193055	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	456790	73.48	ng		-0.02
7) Phenol-d6	6.36	99	601751	74.91	ng		-0.01
23) Nitrobenzene-d5	7.29	82	557181	72.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	166331	95.84	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1022566	86.42	ng		-0.01
78) Terphenyl-d14	12.82	244	920940	106.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	102872	33.38	ng	#	35
3) Pyridine	2.88	79	309195	34.57	ng		91
4) n-Nitrosodimethylamine	2.84	42	114097	33.39	ng		93
6) Aniline	6.39	93	424407	36.25	ng	#	82
8) 2-Chlorophenol	6.51	128	268947	40.25	ng		83
9) Benzaldehyde	6.26	77	173175	31.83	ng		86
10) Phenol	6.38	94	296654	32.36	ng	#	41
11) bis(2-Chloroethyl)ether	6.47	93	277610	40.61	ng		86
12) 1,3-Dichlorobenzene	6.66	146	286980	39.03	ng		98
13) 1,4-Dichlorobenzene	6.74	146	309520	42.41	ng		98
14) 1,2-Dichlorobenzene	6.90	146	257296	37.67	ng		99
15) Benzyl Alcohol	6.87	79	221006	37.38	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	318370	32.16	ng		85
17) 2-Methylphenol	6.99	107	225256	41.32	ng		97
18) Hexachloroethane	7.23	117	110477	39.13	ng	#	82
19) n-Nitroso-di-n-propylamine	7.15	70	187450	34.74	ng		90
20) 3+4-Methylphenols	7.15	107	273212	41.76	ng	#	76
22) Acetophenone	7.14	105	378062	38.94	ng	#	90
24) Nitrobenzene	7.31	77	306962	39.88	ng	#	85
25) Isophorone	7.55	82	522757	36.97	ng		96
26) 2-Nitrophenol	7.63	139	139326	44.14	ng	#	74
27) 2,4-Dimethylphenol	7.68	122	269698	41.03	ng		92
28) bis(2-Chloroethoxy)methane	7.77	93	343692	37.35	ng	#	96
29) 2,4-Dichlorophenol	7.87	162	230799	43.44	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	235491	40.39	ng		99
31) Naphthalene	8.03	128	818563	41.50	ng		99
32) Benzoic acid	7.82	122	139224	29.17	ng		95
33) 4-Chloroaniline	8.08	127	335131	38.19	ng		96
34) Hexachlorobutadiene	8.16	225	143383	45.93	ng		99
35) Caprolactam	8.47	113	69544	38.54	ng	#	89
36) 4-Chloro-3-methylphenol	8.57	107	240987	38.36	ng		90
37) 2-Methylnaphthalene	8.72	142	475492	37.44	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	262821	42.28	ng	#	1
40) Hexachlorocyclopentadiene	8.88	237	97823	32.06	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	174240	42.51	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	137617	39.03	ng	#	84
45) 1,1'-Biphenyl	9.19	154	609171	39.36	ng		98
46) 2-Chloronaphthalene	9.21	162	494591	40.71	ng		98
47) 2-Nitroaniline	9.30	65	149679	34.71	ng		98
48) Acenaphthylene	9.62	152	764791	39.56	ng		99
49) Dimethylphthalate	9.50	163	543862	40.84	ng		100
50) 2,6-Dinitrotoluene	9.55	165	131776	44.65	ng	#	64
51) Acenaphthene	9.79	154	446626	37.69	ng		98
52) 3-Nitroaniline	9.72	138	162341	43.27	ng	#	71
53) 2,4-Dinitrophenol	9.82	184	25487	19.56	ng	#	79
54) Dibenzofuran	9.96	168	630403	40.64	ng	#	88
55) 4-Nitrophenol	9.88	139	118131	41.44	ng	#	83
56) 2,4-Dinitrotoluene	9.95	165	176556	45.76	ng	#	62
57) Fluorene	10.31	166	548537	45.89	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	108010	39.59	ng	#	50
59) Diethylphthalate	10.19	149	611698	45.78	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	217656	39.19	ng	#	85
61) 4-Nitroaniline	10.33	138	144918	40.14	ng		83
62) Azobenzene	10.46	77	549573	36.06	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	51706	27.28	ng	#	51
65) n-Nitrosodiphenylamine	10.42	169	468417	39.06	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	148022	41.46	ng	#	85
67) Hexachlorobenzene	10.86	284	178999	45.29	ng	#	73
68) Atrazine	10.95	200	140990	37.73	ng		91
69) Pentachlorophenol	11.04	266	73271	31.32	ng		96
70) Phenanthrene	11.26	178	699074	36.09	ng		100
71) Anthracene	11.31	178	815373	42.34	ng		100
72) Carbazole	11.46	167	672876	37.12	ng		99
73) Di-n-butylphthalate	11.81	149	797795	37.84	ng		99
74) Fluoranthene	12.45	202	791749	40.32	ng		93
76) Benzidine	12.56	184	328343	33.62	ng		99
77) Pyrene	12.66	202	710822	43.39	ng		100
79) Butylbenzylphthalate	13.29	149	316963	43.37	ng	#	74
80) Benzo(a)anthracene	13.85	228	493090	39.63	ng		98
81) 3,3'-Dichlorobenzidine	13.82	252	184662	39.48	ng	#	96
82) Chrysene	13.89	228	457523	37.17	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	427855	51.28	ng	#	97
84) Di-n-octyl phthalate	14.47	149	637185	44.96	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	510131	53.87	ng	#	100
87) Benzo(b)fluoranthene	14.86	252	491941m	40.62	ng		
88) Benzo(k)fluoranthene	14.88	252	332465m	31.53	ng		
89) Benzo(a)pyrene	15.18	252	400459	39.06	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	430949	50.33	ng		99
91) Benzo(g,h,i)perylene	16.93	276	451386	50.95	ng		97

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

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