Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088957.D
Acq On : 13 Jul 2016 14:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Sohil
7/14/2016 4:19:35 AM

Quant Time: Jul 13 17:06:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84397	20.00	ng		-0.01
21) Naphthalene-d8	7.99	136	347654	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	162759	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	294650	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	207978	20.00	ng		-0.01
86) Perylene-d12	15.20	264	169804	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	449414	79.81	ng		0.00
7) Phenol-d6	6.35	99	548351	75.36	ng		0.00
23) Nitrobenzene-d5	7.27	82	473104	71.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	138523	91.65	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	840371	81.56	ng		-0.01
78) Terphenyl-d14	12.80	244	812280	86.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	91519	32.78	ng	#	33
3) Pyridine	2.86	79	265520	32.77	ng		94
4) n-Nitrosodimethylamine	2.82	42	106198	34.31	ng		99
6) Aniline	6.36	93	367178	34.63	ng	#	8
8) 2-Chlorophenol	6.48	128	235540	38.92	ng		96
9) Benzaldehyde	6.24	77	150042	30.44	ng		91
10) Phenol	6.36	94	323207	38.92	ng	#	58
11) bis(2-Chloroethyl)ether	6.44	93	237788	38.40	ng		85
12) 1,3-Dichlorobenzene	6.64	146	269953	40.53	ng		97
13) 1,4-Dichlorobenzene	6.72	146	264421	40.00	ng		96
14) 1,2-Dichlorobenzene	6.87	146	232250m	37.53	ng		
15) Benzyl Alcohol	6.84	79	201548	37.64	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	275988	30.77	ng		68
17) 2-Methylphenol	6.97	107	175849	35.62	ng	#	93
18) Hexachloroethane	7.21	117	104830	41.00	ng		91
19) n-Nitroso-di-n-propylamine	7.13	70	174319	35.67	ng		90
20) 3+4-Methylphenols	7.13	107	245938	41.50	ng	#	78
22) Acetophenone	7.12	105	351366	41.64	ng	#	92
24) Nitrobenzene	7.29	77	292352	43.71	ng		88
25) Isophorone	7.53	82	453265	36.89	ng		95
26) 2-Nitrophenol	7.60	139	116342	42.42	ng	#	91
27) 2,4-Dimethylphenol	7.66	122	221842	38.83	ng		89
28) bis(2-Chloroethoxy)methane	7.75	93	313821	39.24	ng	#	96
29) 2,4-Dichlorophenol	7.85	162	183027	39.64	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	213774	42.19	ng		99
31) Naphthalene	8.01	128	761155	44.41	ng		99
32) Benzoic acid	7.82	122	177881	42.89	ng		91
33) 4-Chloroaniline	8.06	127	291147	38.18	ng		95
34) Hexachlorobutadiene	8.12	225	112997	41.65	ng		98
35) Caprolactam	8.46	113	63925	40.77	ng	#	62
36) 4-Chloro-3-methylphenol	8.56	107	246092	45.07	ng		96
37) 2-Methylnaphthalene	8.70	142	421556	38.20	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	244808	45.22	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	101341	38.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	143975	40.34	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	135469	44.11	ng		99
45) 1,1'-Biphenyl	9.16	154	569148	42.23	ng		98
46) 2-Chloronaphthalene	9.19	162	451738	42.70	ng		99
47) 2-Nitroaniline	9.28	65	138929	37.00	ng		96
48) Acenaphthylene	9.60	152	695017	41.28	ng		99
49) Dimethylphthalate	9.47	163	461394	39.79	ng		100
50) 2,6-Dinitrotoluene	9.53	165	103001	40.08	ng	#	56
51) Acenaphthene	9.77	154	402691	39.02	ng		98
52) 3-Nitroaniline	9.70	138	140664	43.06	ng		86
53) 2,4-Dinitrophenol	9.80	184	61743	54.41	ng	#	88
54) Dibenzofuran	9.94	168	558680	41.36	ng	#	88
55) 4-Nitrophenol	9.87	139	106118	42.74	ng	#	83
56) 2,4-Dinitrotoluene	9.93	165	130024	38.70	ng	#	47
57) Fluorene	10.28	166	489313	47.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	97384	40.99	ng	#	52
59) Diethylphthalate	10.17	149	504162	43.32	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	182211	37.68	ng	#	84
61) 4-Nitroaniline	10.31	138	117860	37.49	ng		80
62) Azobenzene	10.43	77	468046	35.26	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	79362	50.36	ng		88
65) n-Nitrosodiphenylamine	10.40	169	404204	40.53	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	130418	43.92	ng	#	89
67) Hexachlorobenzene	10.83	284	144767	44.04	ng	#	72
68) Atrazine	10.92	200	115832	37.28	ng		90
69) Pentachlorophenol	11.03	266	77545	39.86	ng		97
70) Phenanthrene	11.23	178	564193	35.03	ng		99
71) Anthracene	11.29	178	714944	44.64	ng		99
72) Carbazole	11.44	167	558586	37.06	ng		99
73) Di-n-butylphthalate	11.78	149	667928	38.09	ng		99
74) Fluoranthene	12.42	202	677711	41.50	ng		91
76) Benzidine	12.55	184	508052	48.33	ng		98
77) Pyrene	12.64	202	622774	35.32	ng		100
79) Butylbenzylphthalate	13.27	149	265123	33.71	ng	#	72
80) Benzo(a)anthracene	13.83	228	497999	37.19	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	172937	34.35	ng	#	97
82) Chrysene	13.86	228	430054	32.46	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	368677	41.05	ng	#	97
84) Di-n-octyl phthalate	14.45	149	604058	39.59	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.49	276	397435	38.99	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	497800m	46.73	ng		
88) Benzo(k)fluoranthene	14.86	252	310225m	33.45	ng		
89) Benzo(a)pyrene	15.15	252	376945	41.80	ng	#	94
90) Dibenzo(a,h)anthracene	16.50	278	341926	45.40	ng		99
91) Benzo(g,h,i)perylene	16.88	276	349133	44.80	ng		96

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

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