Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105047.D
Acq On : 2 May 2018 23:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED

Quant Time: May 03 16:13:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Sohil

5/3/2018 5:00:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103332	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	423632	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	183961	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	302935	20.00	ng		0.00
75) Chrysene-d12	14.01	240	241245	20.00	ng		-0.02
86) Perylene-d12	15.55	264	200162	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	482806	71.44	ng		0.00
7) Phenol-d6	6.43	99	587914	70.81	ng		0.00
23) Nitrobenzene-d5	7.36	82	515179	79.41	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	133883	70.16	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	924661	79.40	ng		0.00
78) Terphenyl-d14	12.91	244	756656	71.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	98520	31.287	ng	#	86
3) Pyridine	3.17	79	274377	30.991	ng		85
4) n-Nitrosodimethylamine	3.15	42	93751	30.293	ng	#	80
6) Aniline	6.46	93	386049	33.465	ng		99
8) 2-Chlorophenol	6.58	128	266163	37.316	ng		90
9) Benzaldehyde	6.35	77	145064	32.446	ng		94
10) Phenol	6.45	94	325490	36.945	ng		83
11) bis(2-Chloroethyl)ether	6.53	93	249863	35.540	ng		93
12) 1,3-Dichlorobenzene	6.73	146	299667	37.085	ng		98
13) 1,4-Dichlorobenzene	6.80	146	306355	38.033	ng		99
14) 1,2-Dichlorobenzene	6.96	146	285989	38.313	ng		98
15) Benzyl Alcohol	6.94	79	208283	33.026	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	279733	29.628	ng		75
17) 2-Methylphenol	7.05	107	225659	36.396	ng		95
18) Hexachloroethane	7.30	117	92594	32.241	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	170712	31.463	ng		91
20) 3+4-Methylphenols	7.21	107	277687	36.112	ng	#	68
22) Acetophenone	7.20	105	367711	35.257	ng		99
24) Nitrobenzene	7.38	77	274321	38.298	ng		100
25) Isophorone	7.62	82	456300	33.260	ng		100
26) 2-Nitrophenol	7.70	139	139721	47.915	ng	#	90
27) 2,4-Dimethylphenol	7.73	122	202613	33.464	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	291497	34.752	ng		99
29) 2,4-Dichlorophenol	7.94	162	216272	37.436	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	239301	37.744	ng		98
31) Naphthalene	8.10	128	764950	36.263	ng		99
32) Benzoic acid	7.87	122	142555m	29.509	ng		
33) 4-Chloroaniline	8.15	127	330213	36.539	ng		97
34) Hexachlorobutadiene	8.20	225	134867	38.836	ng		99
35) Caprolactam	8.54	113	68371	33.926	ng	#	72
36) 4-Chloro-3-methylphenol	8.64	107	225103	36.339	ng		99
37) 2-Methylnaphthalene	8.79	142	496111	36.358	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	219569	41.695	ng		98
42) 2,4,6-Trichlorophenol	9.07	196	141384	38.676	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	159955	39.102	ng		95
45) 1,1'-Biphenyl	9.25	154	602307	38.974	ng		99
46) 2-Chloronaphthalene	9.28	162	466797	38.241	ng		100
47) 2-Nitroaniline	9.39	65	134440	44.535	ng		90
48) Acenaphthylene	9.70	152	683481	35.687	ng		99
49) Dimethylphthalate	9.55	163	560866	38.662	ng		100
50) 2,6-Dinitrotoluene	9.63	165	116508	43.403	ng	#	86
51) Acenaphthene	9.87	154	406581	34.794	ng		99
52) 3-Nitroaniline	9.80	138	138266	43.998	ng		96
53) 2,4-Dinitrophenol	9.92	184	7965	15.226	ng	#	27
54) Dibenzofuran	10.04	168	568697	34.922	ng		98
55) 4-Nitrophenol	9.97	139	69830	28.288	ng		95
56) 2,4-Dinitrotoluene	10.03	165	136629	38.804	ng		96
57) Fluorene	10.38	166	462474	39.017	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	102846	33.699	ng		95
59) Diethylphthalate	10.25	149	527919	36.540	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	218799	41.449	ng		99
61) 4-Nitroaniline	10.42	138	131048	42.649	ng		96
62) Azobenzene	10.53	77	443609	32.138	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	22890	20.487	ng		83
65) n-Nitrosodiphenylamine	10.49	169	416698	39.672	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	130310	40.441	ng		90
67) Hexachlorobenzene	10.93	284	140683	38.801	ng	#	88
68) Atrazine	11.02	200	113663	35.851	ng		98
69) Pentachlorophenol	11.13	266	57436	25.606	ng		98
70) Phenanthrene	11.35	178	601641	35.663	ng		99
71) Anthracene	11.40	178	614446	35.830	ng		99
72) Carbazole	11.56	167	580759	34.657	ng		99
73) Di-n-butylphthalate	11.88	149	768110	37.524	ng		99
74) Fluoranthene	12.54	202	588420	33.383	ng		99
76) Benzidine	12.67	184	325828	39.783	ng		99
77) Pyrene	12.77	202	612425	34.248	ng		100
79) Butylbenzylphthalate	13.39	149	302347	35.889	ng		95
80) Benzo(a)anthracene	14.00	228	559822	38.844	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	206816	38.487	ng	#	98
82) Chrysene	14.04	228	535996	36.207	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	426445	39.355	ng		99
84) Di-n-octyl phthalate	14.65	149	678601	37.480	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.04	276	400000m	31.808	ng		
87) Benzo(b)fluoranthene	15.12	252	464288	36.726	ng		98
88) Benzo(k)fluoranthene	15.15	252	492593	41.273	ng		99
89) Benzo(a)pyrene	15.49	252	419424	37.080	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	336471	36.219	ng		96
91) Benzo(g,h,i)perylene	17.49	276	315361	35.038	ng		93

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5/3/2018 5:00:53 PM

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

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