Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103400.D
Acq On : 5 Mar 2018 10:57
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 05 13:40:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130693	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	532795	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	244991	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	425416	20.00	ng		0.00
75) Chrysene-d12	14.07	240	305683	20.00	ng		0.00
86) Perylene-d12	15.57	264	313806	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	728525	84.31	ng		0.00
7) Phenol-d6	6.52	99	810372	76.64	ng		0.00
23) Nitrobenzene-d5	7.44	82	753314	80.75	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	149961	72.32	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1076001	73.17	ng		0.00
78) Terphenyl-d14	12.99	244	893070	70.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	172889	37.881	ng		92
3) Pyridine	3.43	79	483387	39.672	ng		99
4) n-Nitrosodimethylamine	3.37	42	205947	41.910	ng		95
6) Aniline	6.54	93	558064	36.569	ng	#	56
8) 2-Chlorophenol	6.66	128	341962	38.094	ng		91
9) Benzaldehyde	6.43	77	237569	35.868	ng		96
10) Phenol	6.53	94	459670	37.447	ng	#	54
11) bis(2-Chloroethyl)ether	6.60	93	363753	39.044	ng		90
12) 1,3-Dichlorobenzene	6.81	146	390887	38.104	ng		96
13) 1,4-Dichlorobenzene	6.89	146	398261	38.723	ng		99
14) 1,2-Dichlorobenzene	7.04	146	355518	37.487	ng		99
15) Benzyl Alcohol	7.02	79	285243	35.799	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	578548	36.163	ng		73
17) 2-Methylphenol	7.13	107	300239	36.804	ng	#	88
18) Hexachloroethane	7.37	117	147382	39.363	ng		90
19) n-Nitroso-di-n-propylamine	7.28	70	270598	41.119	ng		94
20) 3+4-Methylphenols	7.29	107	402373	40.463	ng	#	82
22) Acetophenone	7.29	105	500491	40.244	ng	#	89
24) Nitrobenzene	7.46	77	420794	40.966	ng		99
25) Isophorone	7.69	82	738517	40.192	ng		96
26) 2-Nitrophenol	7.77	139	194919	40.309	ng		94
27) 2,4-Dimethylphenol	7.81	122	287976	38.961	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	432685	40.052	ng		98
29) 2,4-Dichlorophenol	8.02	162	279519	39.499	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	286794	38.058	ng		99
31) Naphthalene	8.18	128	972756	37.292	ng		100
32) Benzoic acid	7.96	122	235264	43.637	ng		94
33) 4-Chloroaniline	8.23	127	428663	38.083	ng		98
34) Hexachlorobutadiene	8.29	225	144822	36.905	ng		99
35) Caprolactam	8.61	113	98037	39.418	ng	#	82
36) 4-Chloro-3-methylphenol	8.72	107	306083	38.348	ng		98
37) 2-Methylnaphthalene	8.87	142	632054	37.493	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	249242	37.214	ng		98
40) Hexachlorocyclopentadiene	9.02	237	86084	41.298	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	166189	36.877	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	186599	36.000	ng		97
45) 1,1'-Biphenyl	9.33	154	756066	36.829	ng		99
46) 2-Chloronaphthalene	9.36	162	595777	36.683	ng		99
47) 2-Nitroaniline	9.47	65	230691	38.346	ng		90
48) Acenaphthylene	9.78	152	900965	36.055	ng		99
49) Dimethylphthalate	9.63	163	710833	36.168	ng		100
50) 2,6-Dinitrotoluene	9.70	165	150841	36.573	ng	#	80
51) Acenaphthene	9.95	154	533618	36.621	ng		98
52) 3-Nitroaniline	9.89	138	196553	37.563	ng		97
53) 2,4-Dinitrophenol	10.00	184	55704	42.515	ng	#	18
54) Dibenzofuran	10.12	168	726985	36.345	ng		96
55) 4-Nitrophenol	10.07	139	129265	39.859	ng		92
56) 2,4-Dinitrotoluene	10.12	165	181745	34.842	ng	#	79
57) Fluorene	10.47	166	612130	35.924	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	125187	35.953	ng		95
59) Diethylphthalate	10.33	149	701948	37.344	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	273401	37.836	ng		99
61) 4-Nitroaniline	10.50	138	185976	35.583	ng		97
62) Azobenzene	10.62	77	763390	39.899	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	88405	35.580	ng		87
65) n-Nitrosodiphenylamine	10.57	169	552797	37.320	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	164440	37.107	ng		94
67) Hexachlorobenzene	11.02	284	174021	36.179	ng		94
68) Atrazine	11.10	200	159249	35.769	ng		99
69) Pentachlorophenol	11.22	266	90845	39.061	ng		99
70) Phenanthrene	11.43	178	863636	36.889	ng		99
71) Anthracene	11.49	178	879041	36.615	ng		99
72) Carbazole	11.65	167	875462	36.619	ng		100
73) Di-n-butylphthalate	11.96	149	1129163	37.745	ng		100
74) Fluoranthene	12.63	202	856528	36.407	ng		97
76) Benzidine	12.75	184	506891	44.355	ng		99
77) Pyrene	12.86	202	874642	36.699	ng		100
79) Butylbenzylphthalate	13.46	149	484575	38.483	ng		97
80) Benzo(a)anthracene	14.06	228	732005	36.907	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	256179	36.192	ng		99
82) Chrysene	14.10	228	709250	36.829	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	610742	35.942	ng	#	98
84) Di-n-octyl phthalate	14.64	149	1081284	39.385	ng		98
85) Indeno(1,2,3-cd)pyrene	17.13	276	680702	44.647	ng		99
87) Benzo(b)fluoranthene	15.13	252	696574	33.761	ng		97
88) Benzo(k)fluoranthene	15.16	252	696304	35.839	ng		99
89) Benzo(a)pyrene	15.52	252	668537	36.285	ng		97
90) Dibenzo(a,h)anthracene	17.13	278	567623	39.869	ng		99
91) Benzo(g,h,i)perylene	17.59	276	550700	39.577	ng		97

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

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