Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103127.D
Acq On : 21 Feb 2018 11:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/22/2018 9:04:53 AM

Quant Time: Feb 21 12:10:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	186711	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	806238	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	363443	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	624315	20.00	ng		0.00
75) Chrysene-d12	14.06	240	440717	20.00	ng		0.00
86) Perylene-d12	15.54	264	408057	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	929407	75.60	ng		0.00
7) Phenol-d6	6.52	99	1141324	77.10	ng		0.00
23) Nitrobenzene-d5	7.45	82	1040623	89.54	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	240126	82.09	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1589041	72.55	ng		0.00
78) Terphenyl-d14	12.99	244	1307011	70.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	241156	39.713	ng		89
3) Pyridine	3.43	79	670896	39.988	ng		96
4) n-Nitrosodimethylamine	3.39	42	280787	39.116	ng	#	95
6) Aniline	6.55	93	832163	38.066	ng		96
8) 2-Chlorophenol	6.67	128	495466	39.145	ng		100
9) Benzaldehyde	6.43	77	469060	42.668	ng		98
10) Phenol	6.53	94	654218	41.238	ng		92
11) bis(2-Chloroethyl)ether	6.62	93	510110	38.642	ng		93
12) 1,3-Dichlorobenzene	6.82	146	553409	37.757	ng		98
13) 1,4-Dichlorobenzene	6.90	146	555370	38.037	ng		98
14) 1,2-Dichlorobenzene	7.05	146	509766	37.485	ng		99
15) Benzyl Alcohol	7.02	79	436371	38.342	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	882379	35.187	ng		97
17) 2-Methylphenol	7.13	107	457366	39.174	ng		99
18) Hexachloroethane	7.39	117	201270	40.200	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	346187	35.469	ng		97
20) 3+4-Methylphenols	7.29	107	513551	35.669	ng	#	75
22) Acetophenone	7.29	105	671184	34.019	ng	#	94
24) Nitrobenzene	7.46	77	570534	41.728	ng		97
25) Isophorone	7.70	82	1003480	37.497	ng		98
26) 2-Nitrophenol	7.78	139	292490	51.341	ng		95
27) 2,4-Dimethylphenol	7.81	122	410547	36.311	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	605278	38.180	ng		99
29) 2,4-Dichlorophenol	8.02	162	404177	39.324	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	429860	36.969	ng		99
31) Naphthalene	8.19	128	1423114	36.128	ng		100
32) Benzoic acid	7.95	122	384960m	48.142	ng		
33) 4-Chloroaniline	8.23	127	642293	37.850	ng		99
34) Hexachlorobutadiene	8.29	225	218332	36.644	ng		98
35) Caprolactam	8.62	113	147728	41.386	ng	#	83
36) 4-Chloro-3-methylphenol	8.72	107	455085	39.407	ng		97
37) 2-Methylnaphthalene	8.87	142	929589	36.045	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	373737	37.767	ng		99
40) Hexachlorocyclopentadiene	9.02	237	156555	33.279	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	265887	40.906	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	300257	40.985	ng		96
45) 1,1'-Biphenyl	9.34	154	1109768	36.253	ng		99
46) 2-Chloronaphthalene	9.36	162	902502	37.449	ng		100
47) 2-Nitroaniline	9.46	65	343195	46.283	ng		88
48) Acenaphthylene	9.78	152	1372260	36.661	ng		99
49) Dimethylphthalate	9.64	163	1094334	38.617	ng		99
50) 2,6-Dinitrotoluene	9.70	165	243085	45.087	ng		94
51) Acenaphthene	9.95	154	785169	35.076	ng		100
52) 3-Nitroaniline	9.88	138	301363	45.428	ng	#	90
53) 2,4-Dinitrophenol	9.99	184	84375	58.118	ng	#	23
54) Dibenzofuran	10.12	168	1134591	35.966	ng		97
55) 4-Nitrophenol	10.04	139	189745	37.079	ng		93
56) 2,4-Dinitrotoluene	10.11	165	309991	43.200	ng	#	97
57) Fluorene	10.47	166	888324	38.703	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	203585	40.095	ng		99
59) Diethylphthalate	10.33	149	1024462	36.612	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	391759	38.584	ng		99
61) 4-Nitroaniline	10.49	138	302575	47.918	ng		94
62) Azobenzene	10.62	77	1025025	36.669	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	153242	55.854	ng		95
65) n-Nitrosodiphenylamine	10.57	169	813856	36.957	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	247483	37.474	ng		97
67) Hexachlorobenzene	11.02	284	270839	37.175	ng		96
68) Atrazine	11.10	200	245378	37.770	ng		98
69) Pentachlorophenol	11.21	266	142744	33.377	ng		98
70) Phenanthrene	11.43	178	1248805	35.916	ng		100
71) Anthracene	11.49	178	1269556	35.899	ng		100
72) Carbazole	11.64	167	1279953	36.943	ng		99
73) Di-n-butylphthalate	11.96	149	1622533	38.553	ng		99
74) Fluoranthene	12.62	202	1269890	36.300	ng		99
76) Benzidine	12.74	184	831870	41.069	ng		98
77) Pyrene	12.86	202	1287530	37.256	ng		99
79) Butylbenzylphthalate	13.46	149	697518	42.319	ng		100
80) Benzo(a)anthracene	14.04	228	1099412	39.666	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	400269	38.949	ng		99
82) Chrysene	14.08	228	1031484	36.918	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	918081	43.366	ng		98
84) Di-n-octyl phthalate	14.63	149	1503011	47.282	ng		100
85) Indeno(1,2,3-cd)pyrene	17.06	276	890618	38.434	ng		98
87) Benzo(b)fluoranthene	15.11	252	990283	37.432	ng		99
88) Benzo(k)fluoranthene	15.14	252	953060	37.703	ng		99
89) Benzo(a)pyrene	15.48	252	895823	37.618	ng		96
90) Dibenzo(a,h)anthracene	17.07	278	732984	37.922	ng		100
91) Benzo(g,h,i)perylene	17.52	276	747954	39.535	ng		99

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

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