Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103662.D
Acq On : 15 Mar 2018 1:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/15/2018 6:58:06 PM

Quant Time: Mar 15 03:14:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112782	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	471075	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	205310	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	337022	20.00	ng		0.00
75) Chrysene-d12	14.06	240	195361	20.00	ng		0.00
86) Perylene-d12	15.58	264	184382	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	543331	72.86	ng		0.00
7) Phenol-d6	6.50	99	721299	79.05	ng		0.00
23) Nitrobenzene-d5	7.43	82	699881	84.85	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	122830	70.68	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1038891	87.85	ng		0.00
78) Terphenyl-d14	12.98	244	728563	89.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	140448	35.660	ng		94
3) Pyridine	3.41	79	343563m	32.675	ng		
4) n-Nitrosodimethylamine	3.39	42	143056m	33.735	ng		
6) Aniline	6.53	93	454026	34.477	ng	#	74
8) 2-Chlorophenol	6.65	128	316115	40.807	ng		92
9) Benzaldehyde	6.43	77	201327	35.005	ng		98
10) Phenol	6.52	94	455514	43.002	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	379298	47.178	ng		96
12) 1,3-Dichlorobenzene	6.80	146	351827	39.743	ng		97
13) 1,4-Dichlorobenzene	6.87	146	391256	44.083	ng		99
14) 1,2-Dichlorobenzene	7.03	146	340714	41.632	ng		99
15) Benzyl Alcohol	7.02	79	240285	34.946	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	535582	38.794	ng		57
17) 2-Methylphenol	7.13	107	266400	37.842	ng	#	75
18) Hexachloroethane	7.36	117	112570	34.840	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	250161	44.051	ng		97
20) 3+4-Methylphenols	7.29	107	357365	41.644	ng	#	59
22) Acetophenone	7.27	105	499628	45.439	ng	#	92
24) Nitrobenzene	7.45	77	389621	42.901	ng		95
25) Isophorone	7.68	82	658971	40.562	ng		98
26) 2-Nitrophenol	7.77	139	158982	37.185	ng		95
27) 2,4-Dimethylphenol	7.80	122	252334	38.612	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	395768	41.434	ng		99
29) 2,4-Dichlorophenol	8.02	162	255269	40.799	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	268508	40.299	ng		98
31) Naphthalene	8.16	128	988201	42.848	ng		100
32) Benzoic acid	7.95	122	113664	26.981	ng		96
33) 4-Chloroaniline	8.23	127	397467	39.938	ng		96
34) Hexachlorobutadiene	8.26	225	133327	38.427	ng		98
35) Caprolactam	8.60	113	75634	34.395	ng	#	83
36) 4-Chloro-3-methylphenol	8.71	107	289108	40.967	ng		97
37) 2-Methylnaphthalene	8.85	142	604848	40.580	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	238629	42.515	ng		99
40) Hexachlorocyclopentadiene	8.99	237	4709	10.998	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	146989	38.920	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	149662	34.455	ng		94
45) 1,1'-Biphenyl	9.32	154	727946	42.313	ng		99
46) 2-Chloronaphthalene	9.35	162	564683	41.488	ng		99
47) 2-Nitroaniline	9.46	65	232177	46.052	ng		87
48) Acenaphthylene	9.76	152	839347	40.081	ng		99
49) Dimethylphthalate	9.62	163	658678	39.992	ng		100
50) 2,6-Dinitrotoluene	9.69	165	132813	38.426	ng	#	72
51) Acenaphthene	9.93	154	487979	39.962	ng		98
52) 3-Nitroaniline	9.88	138	183928	41.943	ng		98
53) 2,4-Dinitrophenol	10.06	184	13270	18.972	ng	#	1
54) Dibenzofuran	10.11	168	690020	41.164	ng		91
55) 4-Nitrophenol	10.07	139	94969m	34.943	ng		
56) 2,4-Dinitrotoluene	10.12	165	166050	37.986	ng	#	73
57) Fluorene	10.45	166	556913	39.000	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	107434	36.818	ng		97
59) Diethylphthalate	10.31	149	647192	41.085	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	256599	42.375	ng		96
61) 4-Nitroaniline	10.50	138	174116	39.753	ng		99
62) Azobenzene	10.60	77	689875	43.025	ng		94
64) 4,6-Dinitro-2-methylphenol	10.54	198	19880	13.641	ng	#	65
65) n-Nitrosodiphenylamine	10.56	169	499329	42.552	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	138517	39.455	ng		97
67) Hexachlorobenzene	11.00	284	144436	37.904	ng		97
68) Atrazine	11.09	200	119127	33.775	ng		98
69) Pentachlorophenol	11.21	266	77064	41.826	ng		97
70) Phenanthrene	11.42	178	698560	37.664	ng		99
71) Anthracene	11.47	178	790822	41.580	ng		99
72) Carbazole	11.64	167	770721	40.693	ng		99
73) Di-n-butylphthalate	11.94	149	1020639	43.066	ng		99
74) Fluoranthene	12.62	202	662931	35.569	ng		99
76) Benzidine	12.75	184	341969	46.822	ng		98
77) Pyrene	12.85	202	648075	42.548	ng		99
79) Butylbenzylphthalate	13.44	149	381976	47.466	ng		95
80) Benzo(a)anthracene	14.04	228	470713	37.135	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	196435	43.423	ng		99
82) Chrysene	14.09	228	517171	42.020	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	506676	46.656	ng	#	99
84) Di-n-octyl phthalate	14.63	149	788151	44.919	ng		97
85) Indeno(1,2,3-cd)pyrene	17.13	276	413825	42.470	ng		98
87) Benzo(b)fluoranthene	15.13	252	422854	34.880	ng		97
88) Benzo(k)fluoranthene	15.16	252	475430	41.647	ng		100
89) Benzo(a)pyrene	15.52	252	420618	38.853	ng		98
90) Dibenzo(a,h)anthracene	17.13	278	357956	42.791	ng		98
91) Benzo(g,h,i)perylene	17.60	276	329961	40.359	ng		96

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

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