Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103571.D
Acq On : 12 Mar 2018 10:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/13/2018 4:12:36 PM

Quant Time: Mar 12 14:05:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143997	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	618394	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	278236	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	493077	20.00	ng		0.00
75) Chrysene-d12	14.06	240	346863	20.00	ng		0.00
86) Perylene-d12	15.57	264	313217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	786624	82.62	ng		0.00
7) Phenol-d6	6.52	99	916621	78.68	ng		0.00
23) Nitrobenzene-d5	7.43	82	842698	77.82	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	168207	71.42	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1210149	72.28	ng		0.00
78) Terphenyl-d14	12.99	244	1042638	72.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	186286	37.045	ng		96
3) Pyridine	3.42	79	464802m	34.623	ng		
4) n-Nitrosodimethylamine	3.37	42	198884m	36.733	ng		
6) Aniline	6.53	93	618220	36.768	ng	#	67
8) 2-Chlorophenol	6.66	128	390704	39.502	ng		94
9) Benzaldehyde	6.43	77	247426	33.279	ng		95
10) Phenol	6.53	94	557057	41.188	ng	#	49
11) bis(2-Chloroethyl)ether	6.60	93	386746	37.677	ng		94
12) 1,3-Dichlorobenzene	6.80	146	436411	38.611	ng		96
13) 1,4-Dichlorobenzene	6.87	146	464366	40.978	ng		99
14) 1,2-Dichlorobenzene	7.03	146	407915	39.038	ng		98
15) Benzyl Alcohol	7.02	79	320780	36.539	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	652565	37.021	ng	#	39
17) 2-Methylphenol	7.13	107	346662	38.568	ng	#	82
18) Hexachloroethane	7.36	117	158121	38.330	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	306413	42.260	ng		97
20) 3+4-Methylphenols	7.29	107	471098	42.997	ng	#	71
22) Acetophenone	7.28	105	597562	41.399	ng	#	91
24) Nitrobenzene	7.45	77	479822	40.247	ng		95
25) Isophorone	7.69	82	836153	39.207	ng		97
26) 2-Nitrophenol	7.77	139	228187	40.657	ng		94
27) 2,4-Dimethylphenol	7.80	122	320943	37.411	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	484600	38.648	ng		98
29) 2,4-Dichlorophenol	8.02	162	329044	40.061	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	325315	37.194	ng		100
31) Naphthalene	8.16	128	1135631	37.510	ng		100
32) Benzoic acid	7.97	122	227215	37.471	ng		93
33) 4-Chloroaniline	8.23	127	517414	39.605	ng		97
34) Hexachlorobutadiene	8.27	225	164864	36.197	ng		97
35) Caprolactam	8.60	113	109435	37.910	ng	#	74
36) 4-Chloro-3-methylphenol	8.72	107	373515	40.318	ng		97
37) 2-Methylnaphthalene	8.86	142	736091	37.620	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	288293	37.901	ng		98
40) Hexachlorocyclopentadiene	9.00	237	76321	34.187	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	188745	36.877	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	205963	34.988	ng		95
45) 1,1'-Biphenyl	9.32	154	894748	38.377	ng		98
46) 2-Chloronaphthalene	9.35	162	693479	37.597	ng		99
47) 2-Nitroaniline	9.46	65	289843	42.422	ng		85
48) Acenaphthylene	9.77	152	1041198	36.688	ng		99
49) Dimethylphthalate	9.62	163	785987	35.214	ng		100
50) 2,6-Dinitrotoluene	9.70	165	173701	37.084	ng	#	71
51) Acenaphthene	9.94	154	615038	37.166	ng		99
52) 3-Nitroaniline	9.88	138	234286	39.424	ng		95
53) 2,4-Dinitrophenol	10.01	184	46852	33.982	ng	#	21
54) Dibenzofuran	10.11	168	841832	37.058	ng		94
55) 4-Nitrophenol	10.07	139	126847	34.440	ng		88
56) 2,4-Dinitrotoluene	10.12	165	216686	36.577	ng	#	75
57) Fluorene	10.46	166	718430	37.125	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	153540	38.827	ng		94
59) Diethylphthalate	10.32	149	808318	37.864	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	317774	38.723	ng		98
61) 4-Nitroaniline	10.50	138	233393	39.320	ng		97
62) Azobenzene	10.60	77	883904	40.677	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	93186	32.806	ng		91
65) n-Nitrosodiphenylamine	10.57	169	638501	37.191	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	184264	35.874	ng		97
67) Hexachlorobenzene	11.01	284	197252	35.381	ng		94
68) Atrazine	11.09	200	173940	33.708	ng		98
69) Pentachlorophenol	11.22	266	101605	37.693	ng		95
70) Phenanthrene	11.43	178	989549	36.467	ng		99
71) Anthracene	11.48	178	1057719	38.012	ng		99
72) Carbazole	11.64	167	1080274	38.985	ng		98
73) Di-n-butylphthalate	11.94	149	1303876	37.605	ng		99
74) Fluoranthene	12.62	202	1004874	36.851	ng		99
76) Benzidine	12.75	184	528835	40.781	ng		98
77) Pyrene	12.86	202	1045416	38.657	ng		99
79) Butylbenzylphthalate	13.45	149	566279	39.633	ng		95
80) Benzo(a)anthracene	14.05	228	820177	36.443	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	294448	36.660	ng		99
82) Chrysene	14.09	228	843550	38.602	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	695455	36.069	ng		100
84) Di-n-octyl phthalate	14.63	149	1205462	38.695	ng		98
85) Indeno(1,2,3-cd)pyrene	17.13	276	612803	35.422	ng		99
87) Benzo(b)fluoranthene	15.13	252	738328	35.852	ng		98
88) Benzo(k)fluoranthene	15.16	252	697902	35.989	ng		99
89) Benzo(a)pyrene	15.52	252	649366	35.310	ng		97
90) Dibenzo(a,h)anthracene	17.13	278	519122	36.531	ng		97
91) Benzo(g,h,i)perylene	17.60	276	509817	36.708	ng		98

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

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