Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103597.D
Acq On : 13 Mar 2018 12:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/14/2018 1:30:04 PM

Quant Time: Mar 13 14:22:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 13 14:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115740	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	500782	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	222670	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	365792	20.00	ng		0.00
75) Chrysene-d12	14.06	240	272314	20.00	ng		0.00
86) Perylene-d12	15.57	264	255275	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	629029	82.20	ng		0.00
7) Phenol-d6	6.50	99	776567	82.93	ng		0.00
23) Nitrobenzene-d5	7.43	82	721532	82.28	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	134854	71.55	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1059860	81.09	ng		0.00
78) Terphenyl-d14	12.98	244	857219	75.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	150947	37.346	ng		91
3) Pyridine	3.43	79	398780m	36.957	ng		
4) n-Nitrosodimethylamine	3.39	42	153680m	35.314	ng		
6) Aniline	6.53	93	521339	38.576	ng	#	72
8) 2-Chlorophenol	6.65	128	332921	41.878	ng		91
9) Benzaldehyde	6.43	77	217710m	37.580	ng		
10) Phenol	6.52	94	484296	44.551	ng		77
11) bis(2-Chloroethyl)ether	6.59	93	389866	47.253	ng		95
12) 1,3-Dichlorobenzene	6.80	146	368135	40.522	ng		97
13) 1,4-Dichlorobenzene	6.87	146	400819	44.006	ng		99
14) 1,2-Dichlorobenzene	7.03	146	346453	41.251	ng		98
15) Benzyl Alcohol	7.02	79	275930	39.104	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	549081	38.755	ng		53
17) 2-Methylphenol	7.12	107	286235	39.620	ng	#	80
18) Hexachloroethane	7.36	117	134774	40.646	ng		92
19) n-Nitroso-di-n-propylamine	7.27	70	264337	45.357	ng		95
20) 3+4-Methylphenols	7.29	107	391574	44.464	ng	#	61
22) Acetophenone	7.27	105	523512	44.786	ng	#	92
24) Nitrobenzene	7.45	77	417551	43.249	ng		96
25) Isophorone	7.68	82	696917	40.353	ng		97
26) 2-Nitrophenol	7.77	139	186821	41.104	ng		96
27) 2,4-Dimethylphenol	7.80	122	269256	38.757	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	410494	40.427	ng		99
29) 2,4-Dichlorophenol	8.02	162	270764	40.708	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	275717	38.927	ng		98
31) Naphthalene	8.16	128	963276	39.290	ng		100
32) Benzoic acid	7.96	122	199340	40.019	ng		98
33) 4-Chloroaniline	8.23	127	435501	41.164	ng		98
34) Hexachlorobutadiene	8.27	225	138036	37.424	ng		99
35) Caprolactam	8.60	113	98184m	42.001	ng		
36) 4-Chloro-3-methylphenol	8.71	107	316066	42.130	ng		95
37) 2-Methylnaphthalene	8.86	142	629467	39.726	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	246215	40.447	ng		97
40) Hexachlorocyclopentadiene	9.00	237	63251	35.087	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	150898	36.840	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	164145	34.843	ng		97
45) 1,1'-Biphenyl	9.32	154	761140	40.793	ng		98
46) 2-Chloronaphthalene	9.35	162	598503	40.545	ng		99
47) 2-Nitroaniline	9.46	65	242009	44.260	ng		90
48) Acenaphthylene	9.76	152	905261	39.858	ng		99
49) Dimethylphthalate	9.62	163	671536	37.594	ng		99
50) 2,6-Dinitrotoluene	9.70	165	145711	38.871	ng	#	86
51) Acenaphthene	9.93	154	531620	40.141	ng		99
52) 3-Nitroaniline	9.88	138	194347	40.864	ng	#	99
53) 2,4-Dinitrophenol	10.02	184	35342	32.583	ng	#	23
54) Dibenzofuran	10.11	168	731601	40.242	ng		95
55) 4-Nitrophenol	10.07	139	100513m	34.100	ng		
56) 2,4-Dinitrotoluene	10.11	165	185392	39.104	ng	#	57
57) Fluorene	10.45	166	604795	39.052	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	116236	36.729	ng		97
59) Diethylphthalate	10.32	149	669289	39.175	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	267669	40.756	ng		98
61) 4-Nitroaniline	10.50	138	183598	38.650	ng		99
62) Azobenzene	10.60	77	718290	41.305	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	73008	34.368	ng	#	78
65) n-Nitrosodiphenylamine	10.56	169	519070	40.755	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	143430	37.641	ng		98
67) Hexachlorobenzene	11.00	284	157860	38.169	ng		97
68) Atrazine	11.09	200	134288	35.079	ng		98
69) Pentachlorophenol	11.22	266	76384m	38.196	ng		
70) Phenanthrene	11.42	178	784825	38.987	ng		99
71) Anthracene	11.47	178	840458	40.715	ng		99
72) Carbazole	11.64	167	849720	41.335	ng		100
73) Di-n-butylphthalate	11.94	149	1021379	39.707	ng		99
74) Fluoranthene	12.62	202	798271	39.462	ng		97
76) Benzidine	12.74	184	421244	41.377	ng		100
77) Pyrene	12.85	202	815421	38.407	ng		99
79) Butylbenzylphthalate	13.44	149	433907	38.682	ng		96
80) Benzo(a)anthracene	14.04	228	685492	38.797	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	244530	38.780	ng		98
82) Chrysene	14.09	228	685695	39.968	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	585585	38.685	ng	#	99
84) Di-n-octyl phthalate	14.62	149	1031539	42.177	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	527543	38.841	ng		97
87) Benzo(b)fluoranthene	15.13	252	629219	37.489	ng		98
88) Benzo(k)fluoranthene	15.16	252	663039	41.951	ng		98
89) Benzo(a)pyrene	15.51	252	584106	38.971	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	448537	38.728	ng		98
91) Benzo(g,h,i)perylene	17.59	276	430766	38.056	ng		97

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

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