Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102600.D
Acq On : 29 Jan 2018 16:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/30/2018 3:38:09 PM

Quant Time: Jan 30 00:21:49 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156695	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	668720	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	296313	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	502704	20.00	ng		0.00
75) Chrysene-d12	13.89	240	389448	20.00	ng		0.00
86) Perylene-d12	15.32	264	358392	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	860931	83.31	ng		0.00
7) Phenol-d6	6.37	99	1007020	80.83	ng		0.00
23) Nitrobenzene-d5	7.29	82	913624	78.51	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	192803	65.67	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1476693	73.28	ng		0.00
78) Terphenyl-d14	12.83	244	1220638	70.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	222117	45.236	ng		98
3) Pyridine	3.08	79	555832	43.317	ng		98
4) n-Nitrosodimethylamine	3.05	42	212908	42.323	ng		100
6) Aniline	6.39	93	642746	39.003	ng	#	69
8) 2-Chlorophenol	6.50	128	442161	40.816	ng		97
9) Benzaldehyde	6.27	77	284714	41.847	ng		96
10) Phenol	6.38	94	525667	38.647	ng	#	54
11) bis(2-Chloroethyl)ether	6.46	93	436679	42.211	ng		97
12) 1,3-Dichlorobenzene	6.66	146	510413	39.617	ng		98
13) 1,4-Dichlorobenzene	6.73	146	507312	39.308	ng		100
14) 1,2-Dichlorobenzene	6.89	146	461385	39.084	ng		99
15) Benzyl Alcohol	6.87	79	333639	37.954	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	681673	39.288	ng		83
17) 2-Methylphenol	6.99	107	365457	38.844	ng	#	93
18) Hexachloroethane	7.22	117	177744	39.522	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	301946	39.602	ng		99
20) 3+4-Methylphenols	7.15	107	472237	42.677	ng		94
22) Acetophenone	7.13	105	613506	38.486	ng	#	95
24) Nitrobenzene	7.31	77	479908	40.299	ng		95
25) Isophorone	7.55	82	828346	39.930	ng		100
26) 2-Nitrophenol	7.62	139	258609	41.261	ng		96
27) 2,4-Dimethylphenol	7.66	122	347685	38.203	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	502166	39.186	ng		99
29) 2,4-Dichlorophenol	7.87	162	355554	38.354	ng		100
30) 1,2,4-Trichlorobenzene	7.95	180	366520	36.883	ng		97
31) Naphthalene	8.02	128	1260373	37.749	ng		99
32) Benzoic acid	7.82	122	257651	33.791	ng		96
33) 4-Chloroaniline	8.08	127	552595	39.358	ng		99
34) Hexachlorobutadiene	8.13	225	196002	36.929	ng		98
35) Caprolactam	8.46	113	121762m	39.770	ng		
36) 4-Chloro-3-methylphenol	8.57	107	384325	39.330	ng		92
37) 2-Methylnaphthalene	8.72	142	813097	36.567	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	334661	37.540	ng		99
40) Hexachlorocyclopentadiene	8.86	237	148235	37.155	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	218585	36.627	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	243996	36.312	ng		97
45) 1,1'-Biphenyl	9.18	154	979131	36.955	ng		99
46) 2-Chloronaphthalene	9.20	162	770952	37.435	ng		99
47) 2-Nitroaniline	9.31	65	268461	41.812	ng		96
48) Acenaphthylene	9.62	152	1174968	36.621	ng		99
49) Dimethylphthalate	9.48	163	901508	36.808	ng		100
50) 2,6-Dinitrotoluene	9.55	165	196096	37.136	ng		94
51) Acenaphthene	9.79	154	685102	36.561	ng		100
52) 3-Nitroaniline	9.72	138	247684	39.650	ng		99
53) 2,4-Dinitrophenol	9.84	184	138319	59.380	ng	#	19
54) Dibenzofuran	9.96	168	931545	36.733	ng		98
55) 4-Nitrophenol	9.90	139	189942	46.063	ng		94
56) 2,4-Dinitrotoluene	9.96	165	232222	35.761	ng	#	89
57) Fluorene	10.30	166	803790	39.999	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	162633	33.899	ng		98
59) Diethylphthalate	10.17	149	852861	35.834	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	337754	38.767	ng		95
61) 4-Nitroaniline	10.34	138	237538	38.107	ng		92
62) Azobenzene	10.46	77	859941	39.464	ng		98
64) 4,6-Dinitro-2-methylphenol	10.37	198	128329	38.263	ng		94
65) n-Nitrosodiphenylamine	10.42	169	719513	38.995	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	207586	38.359	ng		91
67) Hexachlorobenzene	10.85	284	213742	35.316	ng		95
68) Atrazine	10.95	200	206980	37.982	ng		99
69) Pentachlorophenol	11.06	266	130630	41.087	ng		97
70) Phenanthrene	11.27	178	1096701	37.438	ng		99
71) Anthracene	11.32	178	1127775	37.719	ng		100
72) Carbazole	11.48	167	1131477	38.790	ng		99
73) Di-n-butylphthalate	11.80	149	1340587	36.767	ng		99
74) Fluoranthene	12.46	202	1093647	36.611	ng		100
76) Benzidine	12.58	184	676861	51.736	ng		99
77) Pyrene	12.69	202	1145970	38.059	ng		100
79) Butylbenzylphthalate	13.30	149	601612	40.148	ng		99
80) Benzo(a)anthracene	13.87	228	962282	40.133	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	342382	38.926	ng		97
82) Chrysene	13.92	228	915016	37.580	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	793437	39.400	ng	#	98
84) Di-n-octyl phthalate	14.47	149	1228989	37.527	ng		99
85) Indeno(1,2,3-cd)pyrene	16.74	276	767542	38.170	ng		97
87) Benzo(b)fluoranthene	14.91	252	840027	36.163	ng		96
88) Benzo(k)fluoranthene	14.94	252	839705	38.262	ng		100
89) Benzo(a)pyrene	15.26	252	795354	37.964	ng	#	96
90) Dibenzo(a,h)anthracene	16.74	278	631471	37.210	ng		98
91) Benzo(g,h,i)perylene	17.16	276	643298	38.391	ng		96

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