Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
Data File : BF102389.D
Acq On : 24 Jan 2018 15:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/25/2018 5:30:29 PM

Quant Time: Jan 25 09:24:05 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143107	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	593457	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	264774	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	463655	20.00	ng		0.00
75) Chrysene-d12	13.88	240	344163	20.00	ng		0.00
86) Perylene-d12	15.30	264	299171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	761066	80.64	ng		0.00
7) Phenol-d6	6.36	99	907175	79.73	ng		0.00
23) Nitrobenzene-d5	7.29	82	821607	79.56	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	192760	73.47	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1443155	80.14	ng		0.00
78) Terphenyl-d14	12.82	244	1184674	77.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	178786	39.869	ng		98
3) Pyridine	3.07	79	480564	41.007	ng		96
4) n-Nitrosodimethylamine	3.05	42	192718	41.947	ng		99
6) Aniline	6.38	93	603054	40.070	ng	#	86
8) 2-Chlorophenol	6.50	128	398366	40.265	ng		96
9) Benzaldehyde	6.27	77	252741	40.038	ng		93
10) Phenol	6.37	94	485251	39.063	ng	#	73
11) bis(2-Chloroethyl)ether	6.46	93	376625	39.863	ng		97
12) 1,3-Dichlorobenzene	6.66	146	462562	39.312	ng		98
13) 1,4-Dichlorobenzene	6.73	146	466189	39.552	ng		99
14) 1,2-Dichlorobenzene	6.89	146	430342	39.916	ng		98
15) Benzyl Alcohol	6.86	79	311941	38.855	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	626483	39.536	ng		98
17) 2-Methylphenol	6.98	107	342059	39.809	ng		97
18) Hexachloroethane	7.22	117	163854	39.893	ng		93
19) n-Nitroso-di-n-propylamine	7.14	70	273289	39.247	ng		98
20) 3+4-Methylphenols	7.13	107	405208	40.097	ng	#	67
22) Acetophenone	7.13	105	551038	38.951	ng	#	91
24) Nitrobenzene	7.30	77	428714	40.566	ng		99
25) Isophorone	7.55	82	743964	40.410	ng		98
26) 2-Nitrophenol	7.62	139	232351	41.773	ng		98
27) 2,4-Dimethylphenol	7.66	122	321817	39.845	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	462208	40.642	ng		98
29) 2,4-Dichlorophenol	7.86	162	328784	39.964	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	349487	39.629	ng		98
31) Naphthalene	8.02	128	1163602	39.271	ng		100
32) Benzoic acid	7.81	122	271253m	40.086	ng		
33) 4-Chloroaniline	8.07	127	504725	40.508	ng		99
34) Hexachlorobutadiene	8.13	225	185815	39.449	ng		99
35) Caprolactam	8.46	113	108104	39.787	ng		99
36) 4-Chloro-3-methylphenol	8.56	107	349626	40.317	ng		97
37) 2-Methylnaphthalene	8.71	142	771528	39.098	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	318583	39.993	ng		99
40) Hexachlorocyclopentadiene	8.86	237	139021	38.996	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	211812	39.720	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	246047	40.979	ng		97
45) 1,1'-Biphenyl	9.18	154	933417	39.426	ng		98
46) 2-Chloronaphthalene	9.20	162	732233	39.790	ng		98
47) 2-Nitroaniline	9.30	65	236662	41.250	ng		99
48) Acenaphthylene	9.62	152	1125482	39.257	ng		99
49) Dimethylphthalate	9.48	163	866219	39.580	ng		100
50) 2,6-Dinitrotoluene	9.55	165	191330	40.549	ng		86
51) Acenaphthene	9.79	154	657217	39.251	ng		99
52) 3-Nitroaniline	9.72	138	229236	41.068	ng		95
53) 2,4-Dinitrophenol	9.83	184	86016	42.448	ng	#	20
54) Dibenzofuran	9.96	168	918899	40.550	ng		96
55) 4-Nitrophenol	9.89	139	144740	39.282	ng		93
56) 2,4-Dinitrotoluene	9.95	165	228747	39.422	ng	#	92
57) Fluorene	10.30	166	728066	40.546	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	173126	40.384	ng		97
59) Diethylphthalate	10.18	149	825988	38.839	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	315661	40.546	ng		97
61) 4-Nitroaniline	10.33	138	226582	40.680	ng		91
62) Azobenzene	10.46	77	768133	39.450	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	127493	41.216	ng		88
65) n-Nitrosodiphenylamine	10.42	169	672349	39.508	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	196426	39.354	ng		97
67) Hexachlorobenzene	10.85	284	206986	37.080	ng		98
68) Atrazine	10.95	200	197164	39.227	ng		99
69) Pentachlorophenol	11.05	266	121435	41.412	ng		96
70) Phenanthrene	11.26	178	1055301	39.059	ng		98
71) Anthracene	11.32	178	1066443	38.671	ng		100
72) Carbazole	11.47	167	1061830	39.468	ng		100
73) Di-n-butylphthalate	11.80	149	1309254	38.932	ng		100
74) Fluoranthene	12.45	202	1059243	38.445	ng		97
76) Benzidine	12.57	184	442561	38.278	ng		99
77) Pyrene	12.68	202	1083596	40.722	ng		99
79) Butylbenzylphthalate	13.30	149	548202	41.398	ng		96
80) Benzo(a)anthracene	13.87	228	859542	40.565	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	316504	40.719	ng		98
82) Chrysene	13.90	228	852043	39.598	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	725647	40.775	ng	#	98
84) Di-n-octyl phthalate	14.46	149	1163328	40.196	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	678449	38.179	ng		98
87) Benzo(b)fluoranthene	14.89	252	752666	38.816	ng		98
88) Benzo(k)fluoranthene	14.92	252	751828	41.039	ng		99
89) Benzo(a)pyrene	15.24	252	697711	39.896	ng		96
90) Dibenzo(a,h)anthracene	16.70	278	556537	39.286	ng		98
91) Benzo(g,h,i)perylene	17.10	276	559817	40.022	ng		98

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

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