Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103248.D
Acq On : 27 Feb 2018 5:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/27/2018 12:23:24 PM

Quant Time: Feb 27 07:29:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140032	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	557821	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	221007	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	340515	20.00	ng		0.00
75) Chrysene-d12	14.06	240	226406	20.00	ng		0.00
86) Perylene-d12	15.55	264	169896	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	755723	81.62	ng		0.00
7) Phenol-d6	6.51	99	868298	76.64	ng		0.00
23) Nitrobenzene-d5	7.45	82	756239	77.42	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	129705	69.33	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1106564	86.63	ng		0.00
78) Terphenyl-d14	12.99	244	800560	85.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	199838	40.866	ng		91
3) Pyridine	3.39	79	532166	40.763	ng		97
4) n-Nitrosodimethylamine	3.35	42	220624	41.903	ng		97
6) Aniline	6.54	93	640024	39.143	ng		95
8) 2-Chlorophenol	6.66	128	382214	39.738	ng		96
9) Benzaldehyde	6.43	77	268279	38.546	ng		98
10) Phenol	6.53	94	507057	38.553	ng		88
11) bis(2-Chloroethyl)ether	6.61	93	395846	39.655	ng		92
12) 1,3-Dichlorobenzene	6.82	146	430351	39.153	ng		98
13) 1,4-Dichlorobenzene	6.89	146	424704	38.540	ng		99
14) 1,2-Dichlorobenzene	7.05	146	387817	38.166	ng		98
15) Benzyl Alcohol	7.02	79	304587	35.677	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	657516	38.358	ng		96
17) 2-Methylphenol	7.13	107	333733	38.181	ng		98
18) Hexachloroethane	7.38	117	85384	21.284	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	257345	36.497	ng		96
20) 3+4-Methylphenols	7.28	107	383378	35.981	ng	#	73
22) Acetophenone	7.29	105	502077	38.561	ng	#	88
24) Nitrobenzene	7.46	77	418709	38.934	ng		100
25) Isophorone	7.70	82	735254	38.219	ng		99
26) 2-Nitrophenol	7.77	139	113370	22.393	ng		96
27) 2,4-Dimethylphenol	7.81	122	293088	37.874	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	448908	39.689	ng		99
29) 2,4-Dichlorophenol	8.02	162	283060	38.205	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	304831	38.636	ng		98
31) Naphthalene	8.18	128	1034946	37.896	ng		99
32) Benzoic acid	7.93	122	161424	30.981	ng		99
33) 4-Chloroaniline	8.23	127	457409	38.813	ng		99
34) Hexachlorobutadiene	8.29	225	158282	38.525	ng		98
35) Caprolactam	8.60	113	99623	38.259	ng	#	81
36) 4-Chloro-3-methylphenol	8.71	107	305445	36.551	ng		99
37) 2-Methylnaphthalene	8.87	142	653476	37.025	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	254474	42.118	ng		98
40) Hexachlorocyclopentadiene	9.02	237	251	8.986	ng	#	26

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	166400	40.930	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	178725	38.223	ng		98
45) 1,1'-Biphenyl	9.33	154	757809	40.920	ng		99
46) 2-Chloronaphthalene	9.36	162	595997	40.679	ng		98
47) 2-Nitroaniline	9.46	65	242463	44.676	ng		93
48) Acenaphthylene	9.78	152	884008	39.215	ng		99
49) Dimethylphthalate	9.63	163	718862	40.546	ng		99
50) 2,6-Dinitrotoluene	9.70	165	114698	30.828	ng	#	87
51) Acenaphthene	9.95	154	505185	38.432	ng		99
52) 3-Nitroaniline	9.87	138	210668	44.629	ng		97
53) 2,4-Dinitrophenol	10.00	184	240	9.778	ng	#	52
54) Dibenzofuran	10.12	168	715450	39.649	ng		97
55) 4-Nitrophenol	10.04	139	83293	28.471	ng		88
56) 2,4-Dinitrotoluene	10.11	165	128273	27.260	ng		96
57) Fluorene	10.46	166	549215	35.730	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	112517	35.821	ng		96
59) Diethylphthalate	10.33	149	674957	39.804	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	254334	39.017	ng		98
61) 4-Nitroaniline	10.49	138	207710	44.055	ng		96
62) Azobenzene	10.62	77	633199	36.686	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	1965	5.796	ng	#	48
65) n-Nitrosodiphenylamine	10.57	169	502557	42.388	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	146055	41.175	ng		93
67) Hexachlorobenzene	11.02	284	152731	39.670	ng		98
68) Atrazine	11.10	200	99779	27.999	ng		99
69) Pentachlorophenol	11.22	266	61518m	33.046	ng		
70) Phenanthrene	11.43	178	735413	39.244	ng		98
71) Anthracene	11.49	178	744734	38.755	ng		99
72) Carbazole	11.64	167	746157	38.992	ng		99
73) Di-n-butylphthalate	11.96	149	993927	41.509	ng		99
74) Fluoranthene	12.62	202	732977	38.924	ng		98
76) Benzidine	12.74	184	451926	53.392	ng		99
77) Pyrene	12.86	202	748632	42.411	ng		100
79) Butylbenzylphthalate	13.46	149	414743	44.471	ng		97
80) Benzo(a)anthracene	14.04	228	575847	39.200	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	239944	45.768	ng		96
82) Chrysene	14.08	228	562284	39.421	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	572433	45.484	ng	#	98
84) Di-n-octyl phthalate	14.63	149	895682	44.048	ng		97
85) Indeno(1,2,3-cd)pyrene	17.07	276	415434	36.789	ng		97
87) Benzo(b)fluoranthene	15.11	252	447477	40.059	ng	#	96
88) Benzo(k)fluoranthene	15.14	252	428525	40.739	ng		99
89) Benzo(a)pyrene	15.49	252	396015	39.700	ng		98
90) Dibenzo(a,h)anthracene	17.08	278	353701	45.887	ng		97
91) Benzo(g,h,i)perylene	17.53	276	345853	45.910	ng		98

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

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