Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102489.D
Acq On : 27 Jan 2018 1:27
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/27/2018 1:47:33 PM

Quant Time: Jan 27 03:55:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 16:18:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147735	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	592384	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	236718	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	342787	20.00	ng		0.00
75) Chrysene-d12	13.89	240	264693	20.00	ng		0.01
86) Perylene-d12	15.32	264	183346	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	769740	79.00	ng		0.00
7) Phenol-d6	6.37	99	895139	76.20	ng		0.00
23) Nitrobenzene-d5	7.29	82	741913	71.97	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	112599	48.01	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1344141	83.49	ng		0.00
78) Terphenyl-d14	12.83	244	908326	77.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	185323	40.032	ng		98
3) Pyridine	3.04	79	502862	41.566	ng		95
4) n-Nitrosodimethylamine	3.01	42	195415	41.202	ng		98
6) Aniline	6.39	93	648379	41.732	ng	#	64
8) 2-Chlorophenol	6.51	128	393396	38.517	ng		97
9) Benzaldehyde	6.27	77	276315	43.849	ng		98
10) Phenol	6.38	94	474172	36.975	ng	#	55
11) bis(2-Chloroethyl)ether	6.46	93	400963	41.109	ng		97
12) 1,3-Dichlorobenzene	6.66	146	470822	38.760	ng		99
13) 1,4-Dichlorobenzene	6.74	146	478826	39.351	ng		99
14) 1,2-Dichlorobenzene	6.89	146	434183	39.010	ng		98
15) Benzyl Alcohol	6.87	79	299543	36.142	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	646192	39.502	ng		75
17) 2-Methylphenol	6.99	107	334934	37.759	ng		95
18) Hexachloroethane	7.23	117	86229	20.336	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	284313	39.551	ng		98
20) 3+4-Methylphenols	7.15	107	417134	39.984	ng		94
22) Acetophenone	7.13	105	567831	40.211	ng		97
24) Nitrobenzene	7.31	77	385731	36.565	ng		100
25) Isophorone	7.55	82	722108	39.294	ng		99
26) 2-Nitrophenol	7.62	139	48133	8.669	ng		97
27) 2,4-Dimethylphenol	7.67	122	317077	39.330	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	463919	40.866	ng		98
29) 2,4-Dichlorophenol	7.87	162	282381	34.386	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	336460	38.221	ng		98
31) Naphthalene	8.03	128	1142475	38.627	ng		100
32) Benzoic acid	7.82	122	44298m	6.558	ng		
33) 4-Chloroaniline	8.08	127	481495	38.713	ng		99
34) Hexachlorobutadiene	8.14	225	179878	38.258	ng		99
35) Caprolactam	8.46	113	94331	34.781	ng		91
36) 4-Chloro-3-methylphenol	8.57	107	280036	32.351	ng		97
37) 2-Methylnaphthalene	8.72	142	728537	36.987	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	291762	40.967	ng		99
42) 2,4,6-Trichlorophenol	9.00	196	149885	31.438	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	160822	29.960	ng		99
45) 1,1'-Biphenyl	9.19	154	855779	40.431	ng		97
46) 2-Chloronaphthalene	9.21	162	644097	39.149	ng		99
47) 2-Nitroaniline	9.31	65	176924	34.493	ng		96
48) Acenaphthylene	9.62	152	987497	38.526	ng		99
49) Dimethylphthalate	9.48	163	799728	40.873	ng		100
50) 2,6-Dinitrotoluene	9.55	165	87371	20.711	ng		94
51) Acenaphthene	9.79	154	563026	37.611	ng		99
52) 3-Nitroaniline	9.72	138	190208	38.115	ng		98
54) Dibenzofuran	9.96	168	802058	39.589	ng		97
55) 4-Nitrophenol	9.91	139	41863	12.708	ng		95
56) 2,4-Dinitrotoluene	9.96	165	79615	15.347	ng	#	75
57) Fluorene	10.31	166	600834	37.426	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	102594	26.768	ng		96
59) Diethylphthalate	10.18	149	759618	39.951	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	279136	40.104	ng		98
61) 4-Nitroaniline	10.33	138	177828m	35.710	ng		
62) Azobenzene	10.46	77	640403	36.788	ng		98
64) 4,6-Dinitro-2-methylphenol	10.09	198	5803	2.537	ng	#	27
65) n-Nitrosodiphenylamine	10.42	169	553290	43.976	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	155665	42.185	ng		97
67) Hexachlorobenzene	10.86	284	152214	36.883	ng		94
68) Atrazine	10.95	200	144713	38.944	ng		97
69) Pentachlorophenol	11.06	266	36938	17.038	ng		98
70) Phenanthrene	11.27	178	770917	38.594	ng		99
71) Anthracene	11.32	178	790344	38.765	ng		99
72) Carbazole	11.48	167	774874	38.957	ng		99
73) Di-n-butylphthalate	11.80	149	1053844	42.387	ng		99
74) Fluoranthene	12.46	202	775133	38.053	ng		98
76) Benzidine	12.59	184	395705	44.501	ng		99
77) Pyrene	12.69	202	804241	39.298	ng		99
79) Butylbenzylphthalate	13.30	149	412166	40.470	ng		97
80) Benzo(a)anthracene	13.88	228	652935	40.066	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	254986	42.654	ng		98
82) Chrysene	13.92	228	633701	38.293	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	590078	43.113	ng	#	99
84) Di-n-octyl phthalate	14.47	149	937833	42.134	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	408662	29.901	ng		97
87) Benzo(b)fluoranthene	14.91	252	476386	40.088	ng		98
88) Benzo(k)fluoranthene	14.94	252	475920	42.389	ng		98
89) Benzo(a)pyrene	15.26	252	422136	39.387	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	343818	39.602	ng		98
91) Benzo(g,h,i)perylene	17.15	276	336269	39.227	ng		99

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

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