Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111271.D
Acq On : 11 Dec 2018 11:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/12/2018 5:30:00 PM

Quant Time: Dec 11 17:12:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	397350	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1416940	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	586958	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1116150	20.00	ng		0.00
76) Chrysene-d12	13.96	240	655311	20.00	ng		0.00
87) Perylene-d12	15.39	264	655381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1842975	73.24	ng		0.00
7) Phenol-d6	6.43	99	2415830	77.25	ng		0.00
23) Nitrobenzene-d5	7.36	82	2293886	90.80	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	487076	93.68	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2885588	85.66	ng		0.00
79) Terphenyl-d14	12.91	244	2864218	104.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	434420	33.647	ng		98
3) Pyridine	3.26	79	1170530	34.126	ng		96
4) n-Nitrosodimethylamine	3.20	42	534225	36.530	ng		91
6) Aniline	6.46	93	1544523	37.043	ng		98
8) 2-Chlorophenol	6.59	128	1129848	39.501	ng		97
9) Benzaldehyde	6.35	77	662924	35.124	ng		99
10) Phenol	6.45	94	1348819	36.887	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	1043415	36.896	ng		98
12) 1,3-Dichlorobenzene	6.74	146	1154102	37.552	ng		98
13) 1,4-Dichlorobenzene	6.82	146	1221405	39.359	ng		97
14) 1,2-Dichlorobenzene	6.97	146	1063749	36.752	ng		98
15) Benzyl Alcohol	6.94	79	914643	36.959	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1983301	37.459	ng		100
17) 2-Methylphenol	7.06	107	870607	37.282	ng		99
18) Hexachloroethane	7.32	117	457012	38.681	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	821188	39.200	ng		95
20) 3+4-Methylphenols	7.21	107	1100569	39.623	ng		96
22) Acetophenone	7.21	105	1459709	45.024	ng	#	97
24) Nitrobenzene	7.38	77	1188985	45.221	ng		98
25) Isophorone	7.62	82	1883311	43.770	ng		99
26) 2-Nitrophenol	7.70	139	507484	38.848	ng		98
27) 2,4-Dimethylphenol	7.74	122	857858	42.497	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	1294456	43.444	ng		100
29) 2,4-Dichlorophenol	7.94	162	801532	38.832	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	798895	39.293	ng		99
31) Naphthalene	8.10	128	2569325	41.547	ng		99
32) Benzoic acid	7.86	122	540682	32.390	ng		94
33) 4-Chloroaniline	8.15	127	1183434	39.843	ng		99
34) Hexachlorobutadiene	8.23	225	513932	45.792	ng		98
35) Caprolactam	8.53	113	335600	45.884	ng		100
36) 4-Chloro-3-methylphenol	8.63	107	955833	45.229	ng		100
37) 2-Methylnaphthalene	8.80	142	1518798	36.992	ng		100
38) 1-Methylnaphthalene	8.89	142	1438208m	35.770	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	633993	38.818	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	376802	40.511	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	459832	37.508	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	489849	38.356	ng		95
46) 1,1'-Biphenyl	9.26	154	1918071	40.280	ng		97
47) 2-Chloronaphthalene	9.29	162	1496640	38.969	ng		97
48) 2-Nitroaniline	9.37	65	504038	38.473	ng		99
49) Acenaphthylene	9.70	152	2209446	39.628	ng		98
50) Dimethylphthalate	9.56	163	1644313	37.967	ng		98
51) 2,6-Dinitrotoluene	9.62	165	367784	38.453	ng	#	80
52) Acenaphthene	9.87	154	1396312	39.908	ng		99
53) 3-Nitroaniline	9.79	138	457154	38.724	ng		99
54) 2,4-Dinitrophenol	9.89	184	143327	37.922	ng		97
55) Dibenzofuran	10.05	168	2015113	42.334	ng		98
56) 4-Nitrophenol	9.95	139	352646	38.354	ng		98
57) 2,4-Dinitrotoluene	10.02	165	483084	40.971	ng		97
58) Fluorene	10.39	166	1752913	47.588	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	465568	48.094	ng		100
60) Diethylphthalate	10.26	149	2066346	50.045	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	877317	47.970	ng		96
62) 4-Nitroaniline	10.40	138	571440	51.157	ng		99
63) Azobenzene	10.54	77	2044318	47.689	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	285417	43.294	ng		83
66) n-Nitrosodiphenylamine	10.50	169	1669700	43.946	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	544388	44.531	ng		98
68) Hexachlorobenzene	10.94	284	543042	43.667	ng		99
69) Atrazine	11.02	200	522429	45.217	ng		98
70) Pentachlorophenol	11.13	266	372675	41.309	ng		97
71) Phenanthrene	11.35	178	2195321	38.995	ng		97
72) Anthracene	11.40	178	2131459	36.189	ng		98
73) Carbazole	11.55	167	2126003	34.520	ng		97
74) Di-n-butylphthalate	11.89	149	2440116	38.547	ng		98
75) Fluoranthene	12.53	202	2005199	38.991	ng		98
77) Benzidine	12.65	184	1038904	53.393	ng		97
78) Pyrene	12.76	202	2107140	44.997	ng		98
80) Butylbenzylphthalate	13.38	149	1073623	43.894	ng		96
81) Benzo(a)anthracene	13.94	228	1412949	38.648	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	561282	37.457	ng		99
83) Chrysene	13.99	228	1463169	38.821	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1159710	39.901	ng		97
85) Di-n-octyl phthalate	14.56	149	1813285	37.222	ng		100
86) Indeno(1,2,3-cd)pyrene	16.81	276	1374316	45.172	ng		97
88) Benzo(b)fluoranthene	14.98	252	1257764	34.703	ng		99
89) Benzo(k)fluoranthene	15.01	252	1125789	33.038	ng		99
90) Benzo(a)pyrene	15.33	252	1377300	41.266	ng		99
91) Dibenzo(a,h)anthracene	16.83	278	1144866	43.672	ng		98
92) Benzo(g,h,i)perylene	17.24	276	960658	36.607	ng		96

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

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