Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111283.D
Acq On : 11 Dec 2018 17:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/12/2018 5:30:09 PM

Quant Time: Dec 12 00:29:40 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	318953	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1354238	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	656617	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1145726	20.00	ng		0.00
76) Chrysene-d12	13.96	240	753509	20.00	ng		0.00
87) Perylene-d12	15.41	264	630129	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1772510	87.75	ng		0.00
7) Phenol-d6	6.43	99	2271017	90.47	ng		0.00
23) Nitrobenzene-d5	7.36	82	1910646	79.13	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	484149	83.24	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3174691	83.64	ng		0.00
79) Terphenyl-d14	12.91	244	2700539	85.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	366997	35.412	ng		99
3) Pyridine	3.25	79	986909	35.845	ng		97
4) n-Nitrosodimethylamine	3.19	42	457395	38.964	ng		89
6) Aniline	6.46	93	1518769	45.379	ng		98
8) 2-Chlorophenol	6.59	128	1016341	44.267	ng		97
9) Benzaldehyde	6.35	77	640087	45.103	ng		96
10) Phenol	6.45	94	1305298	44.471	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	1013245	44.636	ng		98
12) 1,3-Dichlorobenzene	6.74	146	996008	40.374	ng		98
13) 1,4-Dichlorobenzene	6.82	146	996486	40.004	ng		97
14) 1,2-Dichlorobenzene	6.97	146	937952	40.371	ng		98
15) Benzyl Alcohol	6.94	79	813646	40.960	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1746047	41.083	ng		100
17) 2-Methylphenol	7.06	107	756064	40.335	ng		98
18) Hexachloroethane	7.32	117	356482	37.588	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	660791	39.297	ng		94
20) 3+4-Methylphenols	7.21	107	888544	39.853	ng		96
22) Acetophenone	7.21	105	1192648	38.490	ng	#	98
24) Nitrobenzene	7.38	77	998745	39.744	ng		98
25) Isophorone	7.62	82	1660632	40.382	ng		98
26) 2-Nitrophenol	7.70	139	503057	40.292	ng		97
27) 2,4-Dimethylphenol	7.74	122	762689	39.532	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	1091174	38.317	ng		99
29) 2,4-Dichlorophenol	7.94	162	771513	39.109	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	759711	39.096	ng		99
31) Naphthalene	8.10	128	2500683	42.310	ng		99
32) Benzoic acid	7.86	122	719987m	45.128	ng		
33) 4-Chloroaniline	8.15	127	1163207	40.976	ng		98
34) Hexachlorobutadiene	8.23	225	425430	39.662	ng		98
35) Caprolactam	8.53	113	299266m	42.810	ng		
36) 4-Chloro-3-methylphenol	8.63	107	864449	42.798	ng		99
37) 2-Methylnaphthalene	8.80	142	1651908	42.097	ng		99
38) 1-Methylnaphthalene	8.90	142	1614588	42.016	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	712331	38.988	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	404741	38.898	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	527019	38.428	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	548829	38.416	ng		94
46) 1,1'-Biphenyl	9.26	154	2158000	40.584	ng		97
47) 2-Chloronaphthalene	9.29	162	1688451	39.299	ng		99
48) 2-Nitroaniline	9.37	65	590872	40.316	ng		99
49) Acenaphthylene	9.70	152	2452272	39.317	ng		97
50) Dimethylphthalate	9.56	163	1977539	40.817	ng		99
51) 2,6-Dinitrotoluene	9.62	165	438739	41.006	ng		97
52) Acenaphthene	9.87	154	1582500	40.431	ng		99
53) 3-Nitroaniline	9.79	138	552150	41.809	ng		100
54) 2,4-Dinitrophenol	9.89	184	178352	42.183	ng		87
55) Dibenzofuran	10.05	168	2236400	41.998	ng		98
56) 4-Nitrophenol	9.95	139	431159	41.919	ng		98
57) 2,4-Dinitrotoluene	10.02	165	571679	43.341	ng		93
58) Fluorene	10.39	166	1591606	38.625	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	435160	40.184	ng		99
60) Diethylphthalate	10.26	149	1917800	41.520	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	791787	38.700	ng		99
62) 4-Nitroaniline	10.40	138	529963	42.411	ng		97
63) Azobenzene	10.54	77	1931788	40.283	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	294046	43.448	ng		87
66) n-Nitrosodiphenylamine	10.50	169	1599159	41.003	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	508537	40.524	ng		98
68) Hexachlorobenzene	10.94	284	520882	40.804	ng		98
69) Atrazine	11.03	200	469948	39.625	ng		99
70) Pentachlorophenol	11.13	266	393905	42.536	ng		95
71) Phenanthrene	11.35	178	2279718	39.449	ng		97
72) Anthracene	11.40	178	2302617	38.085	ng		97
73) Carbazole	11.55	167	2384005	37.710	ng		98
74) Di-n-butylphthalate	11.89	149	2800404	43.097	ng		98
75) Fluoranthene	12.53	202	2319019	43.929	ng		100
77) Benzidine	12.65	184	1230788	55.011	ng		100
78) Pyrene	12.76	202	2360492	43.838	ng		98
80) Butylbenzylphthalate	13.39	149	1149993	40.889	ng		93
81) Benzo(a)anthracene	13.95	228	1674499	39.833	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	671000	38.943	ng		98
83) Chrysene	13.99	228	1727226	39.855	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1396123	41.775	ng		98
85) Di-n-octyl phthalate	14.57	149	2275905	40.630	ng		99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1352600	38.664	ng		97
88) Benzo(b)fluoranthene	15.00	252	1475975	42.355	ng		98
89) Benzo(k)fluoranthene	15.03	252	1417215	43.256	ng		99
90) Benzo(a)pyrene	15.35	252	1372560	42.772	ng		99
91) Dibenzo(a,h)anthracene	16.85	278	1135684	45.058	ng	#	95
92) Benzo(g,h,i)perylene	17.26	276	1103728	43.744	ng		94

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

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