Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111399.D
Acq On : 14 Dec 2018 5:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/14/2018 12:54:08 PM

Quant Time: Dec 14 06:25:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	256789	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	985893	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	402202	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	578639	20.00	ng		0.00
76) Chrysene-d12	13.95	240	394483	20.00	ng		0.00
87) Perylene-d12	15.39	264	311085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1267900	83.49	ng		0.00
7) Phenol-d6	6.45	99	1564614	76.42	ng		0.01
23) Nitrobenzene-d5	7.36	82	1462443	83.61	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	234733	66.21	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2325974	92.85	ng		0.00
79) Terphenyl-d14	12.90	244	1538802	85.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	315116	41.544	ng		99
3) Pyridine	3.22	79	857188	46.002	ng		99
4) n-Nitrosodimethylamine	3.16	42	372348	42.836	ng		92
6) Aniline	6.46	93	941034	37.993	ng	#	29
8) 2-Chlorophenol	6.59	128	723739	38.776	ng		98
9) Benzaldehyde	6.34	77	473897	40.906	ng		98
10) Phenol	6.46	94	869607	37.495	ng	#	66
11) bis(2-Chloroethyl)ether	6.53	93	711092	38.973	ng		99
12) 1,3-Dichlorobenzene	6.74	146	800989	39.642	ng		98
13) 1,4-Dichlorobenzene	6.82	146	803795	39.297	ng		98
14) 1,2-Dichlorobenzene	6.97	146	735979	38.894	ng		100
15) Benzyl Alcohol	6.94	79	602715	38.444	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1368129	38.704	ng		93
17) 2-Methylphenol	7.06	107	558729	37.046	ng	#	93
18) Hexachloroethane	7.31	117	261903	34.489	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	501367	36.851	ng		93
20) 3+4-Methylphenols	7.22	107	693684	38.568	ng	#	69
22) Acetophenone	7.20	105	960237	41.930	ng	#	89
24) Nitrobenzene	7.38	77	726817	40.340	ng		97
25) Isophorone	7.62	82	1153130	38.810	ng		99
26) 2-Nitrophenol	7.69	139	320357	36.174	ng		98
27) 2,4-Dimethylphenol	7.74	122	538721	40.073	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	820427	40.229	ng		99
29) 2,4-Dichlorophenol	7.95	162	542267	38.668	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	586185	40.681	ng		99
31) Naphthalene	8.10	128	1824815	39.727	ng		97
32) Benzoic acid	7.85	122	289340m	25.891	ng		
33) 4-Chloroaniline	8.15	127	793289	40.439	ng		97
34) Hexachlorobutadiene	8.22	225	329157	41.177	ng		99
35) Caprolactam	8.53	113	181477	36.931	ng		97
36) 4-Chloro-3-methylphenol	8.64	107	538146	36.011	ng		97
37) 2-Methylnaphthalene	8.79	142	1151929	38.795	ng		99
38) 1-Methylnaphthalene	8.89	142	1077098	37.584	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	499553	44.187	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	60435	10.237	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	316551	39.119	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	312470	36.538	ng		97
46) 1,1'-Biphenyl	9.26	154	1473122	42.927	ng		95
47) 2-Chloronaphthalene	9.28	162	1093116	41.593	ng		97
48) 2-Nitroaniline	9.37	65	350678	41.062	ng		96
49) Acenaphthylene	9.69	152	1534082	39.954	ng		96
50) Dimethylphthalate	9.56	163	1252901	43.319	ng		98
51) 2,6-Dinitrotoluene	9.62	165	255482	39.850	ng		95
52) Acenaphthene	9.87	154	912564	37.681	ng		98
53) 3-Nitroaniline	9.79	138	305272	39.615	ng		95
54) 2,4-Dinitrophenol	9.89	184	3950	1.570	ng	#	38
55) Dibenzofuran	10.04	168	1380056	39.474	ng		95
56) 4-Nitrophenol	9.96	139	163835	29.523	ng		87
57) 2,4-Dinitrotoluene	10.02	165	305336	37.161	ng		99
58) Fluorene	10.38	166	944200	37.753	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	210836	31.914	ng		99
60) Diethylphthalate	10.26	149	1196070	41.077	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	495627	39.974	ng		95
62) 4-Nitroaniline	10.39	138	269809	36.427	ng		100
63) Azobenzene	10.53	77	1093551	37.248	ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	16565	4.986	ng		95
66) n-Nitrosodiphenylamine	10.49	169	921819	44.785	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	280201	43.498	ng		98
68) Hexachlorobenzene	10.93	284	277236	41.796	ng		98
69) Atrazine	11.02	200	245509	41.240	ng		98
70) Pentachlorophenol	11.12	266	128251	29.055	ng		98
71) Phenanthrene	11.34	178	1235777	41.319	ng		94
72) Anthracene	11.39	178	1252259	41.120	ng		96
73) Carbazole	11.55	167	1245684	39.559	ng		95
74) Di-n-butylphthalate	11.88	149	1582615	44.141	ng		96
75) Fluoranthene	12.53	202	1181901	40.480	ng		97
77) Benzidine	12.65	184	525154	70.542	ng		100
78) Pyrene	12.75	202	1208244	39.686	ng		97
80) Butylbenzylphthalate	13.37	149	613185	41.948	ng		94
81) Benzo(a)anthracene	13.94	228	858509	38.896	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	340790	40.825	ng		98
83) Chrysene	13.98	228	906094	40.237	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	795375	44.509	ng		98
85) Di-n-octyl phthalate	14.54	149	1326650	45.212	ng		99
86) Indeno(1,2,3-cd)pyrene	16.80	276	669694	38.024	ng		96
88) Benzo(b)fluoranthene	14.97	252	722324	40.834	ng		98
89) Benzo(k)fluoranthene	15.00	252	726627	41.152	ng		98
90) Benzo(a)pyrene	15.33	252	652378	39.609	ng		97
91) Dibenzo(a,h)anthracene	16.82	278	562123	41.021	ng		97
92) Benzo(g,h,i)perylene	17.23	276	543314	39.657	ng		93

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

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