Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111443.D
Acq On : 15 Dec 2018 2:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
12/17/2018 2:37:15 PM

Quant Time: Dec 15 03:33:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160296	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	734002	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	283015	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	450741	20.00	ng		0.00
76) Chrysene-d12	13.96	240	343300	20.00	ng		0.00
87) Perylene-d12	15.39	264	205921	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	830810	86.25	ng		0.00
7) Phenol-d6	6.44	99	988000	77.11	ng		0.00
23) Nitrobenzene-d5	7.36	82	875366	71.02	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	178602	70.45	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1636781	89.33	ng		0.00
79) Terphenyl-d14	12.90	244	1254470	85.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	182791	39.289	ng		98
3) Pyridine	3.20	79	486258	41.615	ng		92
4) n-Nitrosodimethylamine	3.15	42	210717	39.702	ng		92
6) Aniline	6.46	93	607908	38.247	ng	#	73
8) 2-Chlorophenol	6.59	128	456239	39.639	ng		95
9) Benzaldehyde	6.34	77	298986	38.470	ng		99
10) Phenol	6.45	94	534811	37.468	ng	#	75
11) bis(2-Chloroethyl)ether	6.53	93	441817	39.485	ng		97
12) 1,3-Dichlorobenzene	6.74	146	492905	38.904	ng		98
13) 1,4-Dichlorobenzene	6.82	146	486599	37.838	ng		99
14) 1,2-Dichlorobenzene	6.97	146	473194	39.112	ng		100
15) Benzyl Alcohol	6.94	79	368056	37.751	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	843348	38.602	ng		100
17) 2-Methylphenol	7.06	107	353563	38.170	ng		100
18) Hexachloroethane	7.31	117	133672	27.930	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	304466	36.016	ng		95
20) 3+4-Methylphenols	7.21	107	442072	38.046	ng	#	83
22) Acetophenone	7.20	105	595140	36.322	ng	#	90
24) Nitrobenzene	7.37	77	446847	35.538	ng		99
25) Isophorone	7.62	82	693837	33.268	ng		99
26) 2-Nitrophenol	7.69	139	184554	28.302	ng		99
27) 2,4-Dimethylphenol	7.74	122	336720	35.619	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	510629	35.466	ng		97
29) 2,4-Dichlorophenol	7.94	162	342792	33.968	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	370501	35.071	ng		99
31) Naphthalene	8.10	128	1348965	39.293	ng		96
32) Benzoic acid	7.82	122	150893m	18.471	ng		
33) 4-Chloroaniline	8.15	127	585623	38.361	ng		98
34) Hexachlorobutadiene	8.22	225	235025	40.381	ng		99
35) Caprolactam	8.51	113	129768	34.635	ng		93
36) 4-Chloro-3-methylphenol	8.63	107	391079	35.207	ng		100
37) 2-Methylnaphthalene	8.79	142	816791	35.160	ng		98
38) 1-Methylnaphthalene	8.89	142	773696	34.474	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	347223	44.737	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	5985	1.502 ng		89
43) 2,4,6-Trichlorophenol	9.07	196	224425	40.855 ng		99
44) 2,4,5-Trichlorophenol	9.12	196	227628	38.941 ng		97
46) 1,1'-Biphenyl	9.26	154	1048512	43.724 ng		94
47) 2-Chloronaphthalene	9.28	162	766175	42.033 ng		94
48) 2-Nitroaniline	9.37	65	246657	41.676 ng		89
49) Acenaphthylene	9.69	152	1082750	40.018 ng		95
50) Dimethylphthalate	9.55	163	870563	42.712 ng		99
51) 2,6-Dinitrotoluene	9.62	165	165148	35.997 ng		93
52) Acenaphthene	9.87	154	631278	36.915 ng		98
53) 3-Nitroaniline	9.78	138	229774	41.233 ng		96
54) 2,4-Dinitrophenol	9.89	184	1699	0.973 ng	#	8
55) Dibenzofuran	10.04	168	964695	38.863 ng		93
56) 4-Nitrophenol	9.95	139	127309	33.012 ng		93
57) 2,4-Dinitrotoluene	10.02	165	187967	31.215 ng		97
58) Fluorene	10.38	166	665125	36.942 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	156504	34.267 ng	#	99
60) Diethylphthalate	10.25	149	826319	40.023 ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	341656	38.786 ng		94
62) 4-Nitroaniline	10.39	138	214028	38.798 ng		93
63) Azobenzene	10.53	77	744632	36.584 ng		95
65) 4,6-Dinitro-2-methylphenol	10.43	198	6535	2.568 ng		93
66) n-Nitrosodiphenylamine	10.49	169	643748	41.416 ng		97
67) 4-Bromophenyl-phenylether	10.86	248	197828	40.721 ng		96
68) Hexachlorobenzene	10.93	284	194692	38.960 ng		97
69) Atrazine	11.02	200	176853	39.370 ng		97
70) Pentachlorophenol	11.13	266	110421	36.026 ng		96
71) Phenanthrene	11.34	178	925041	39.828 ng		94
72) Anthracene	11.39	178	947395	39.886 ng		95
73) Carbazole	11.55	167	993773	40.459 ng		95
74) Di-n-butylphthalate	11.88	149	1167309	42.672 ng	#	96
75) Fluoranthene	12.53	202	978296	43.055 ng		98
77) Benzidine	12.65	184	542879	43.018 ng		97
78) Pyrene	12.76	202	1017460	42.037 ng		96
80) Butylbenzylphthalate	13.37	149	514178	43.583 ng		95
81) Benzo(a)anthracene	13.94	228	726323	38.910 ng		96
82) 3,3'-Dichlorobenzidine	13.90	252	322499	42.499 ng		96
83) Chrysene	13.98	228	748617	38.070 ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	684910	45.453 ng		99
85) Di-n-octyl phthalate	14.55	149	1142346	44.944 ng		96
86) Indeno(1,2,3-cd)pyrene	16.81	276	455162	32.071 ng		96
88) Benzo(b)fluoranthene	14.98	252	462703	38.541 ng		99
89) Benzo(k)fluoranthene	15.00	252	464740	40.513 ng		99
90) Benzo(a)pyrene	15.33	252	416280	38.451 ng	#	97
91) Dibenzo(a,h)anthracene	16.83	278	381439	44.665 ng		98
92) Benzo(g,h,i)perylene	17.24	276	383117	45.703 ng		96

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

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