Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108105.D
Acq On : 11 Aug 2018 1:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/13/2018 3:52:36 PM

Quant Time: Aug 11 03:46:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	233286	20.00	ng		0.01
21) Naphthalene-d8	8.31	136	824170	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	379227	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	722269	20.00	ng		0.00
75) Chrysene-d12	14.23	240	559149	20.00	ng		0.01
86) Perylene-d12	15.79	264	395600	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1082513	84.01	ng		0.01
7) Phenol-d6	6.64	99	1371178	80.08	ng		0.00
23) Nitrobenzene-d5	7.58	82	1249104	84.57	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	309502	81.82	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2054983	87.00	ng		0.00
78) Terphenyl-d14	13.16	244	2001216	91.00	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	275093	41.548	ng		89
3) Pyridine	3.67	79	708235	41.525	ng	#	84
4) n-Nitrosodimethylamine	3.64	42	373475	38.915	ng		85
6) Aniline	6.68	93	941569	40.426	ng		94
8) 2-Chlorophenol	6.81	128	587527	40.484	ng		94
9) Benzaldehyde	6.58	77	528249	39.791	ng		96
10) Phenol	6.65	94	706617	39.895	ng		93
11) bis(2-Chloroethyl)ether	6.75	93	574463	40.118	ng		91
12) 1,3-Dichlorobenzene	6.97	146	678147	40.413	ng		99
13) 1,4-Dichlorobenzene	7.04	146	676185	40.107	ng		97
14) 1,2-Dichlorobenzene	7.20	146	622641	39.704	ng		98
15) Benzyl Alcohol	7.15	79	536096	37.190	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1139469	38.628	ng		96
17) 2-Methylphenol	7.26	107	486216	39.068	ng		95
18) Hexachloroethane	7.54	117	166740	27.780	ng		89
19) n-Nitroso-di-n-propylamine	7.42	70	437220	37.759	ng	#	88
20) 3+4-Methylphenols	7.41	107	620646	38.916	ng		95
22) Acetophenone	7.43	105	809961	42.030	ng	#	94
24) Nitrobenzene	7.61	77	624232	41.796	ng		99
25) Isophorone	7.84	82	1143963	40.636	ng		96
26) 2-Nitrophenol	7.92	139	201743	35.768	ng		96
27) 2,4-Dimethylphenol	7.94	122	509897	40.810	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	694891	42.283	ng		99
29) 2,4-Dichlorophenol	8.15	162	470296	40.902	ng		100
30) 1,2,4-Trichlorobenzene	8.24	180	515187	40.639	ng		97
31) Naphthalene	8.33	128	1514941	40.418	ng		98
32) Benzoic acid	8.04	122	163551	25.724	ng		90
33) 4-Chloroaniline	8.37	127	662848	40.580	ng		98
34) Hexachlorobutadiene	8.44	225	338459	42.174	ng		99
35) Caprolactam	8.74	113	141780	39.348	ng	#	77
36) 4-Chloro-3-methylphenol	8.84	107	473882	38.204	ng		96
37) 2-Methylnaphthalene	9.02	142	1024441	38.631	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	517979	44.478	ng	#	97
40) Hexachlorocyclopentadiene	9.17	237	26909	3.577	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	321986	44.555	ng		99
43) 2,4,5-Trichlorophenol	9.34	196	344084	43.252	ng	#	92
45) 1,1'-Biphenyl	9.48	154	1206610	43.154	ng		98
46) 2-Chloronaphthalene	9.51	162	937968	42.444	ng		98
47) 2-Nitroaniline	9.61	65	338308	47.313	ng		88
48) Acenaphthylene	9.94	152	1458624	41.750	ng		99
49) Dimethylphthalate	9.78	163	1152903	43.644	ng	#	99
50) 2,6-Dinitrotoluene	9.85	165	217259	39.310	ng		99
51) Acenaphthene	10.11	154	838517	39.186	ng		99
52) 3-Nitroaniline	10.02	138	289219	47.828	ng		94
53) 2,4-Dinitrophenol	10.12	184	5093	9.267	ng	#	1
54) Dibenzofuran	10.28	168	1257459	40.561	ng		97
55) 4-Nitrophenol	10.17	139	172773	37.731	ng		93
56) 2,4-Dinitrotoluene	10.25	165	260095	36.561	ng		98
57) Fluorene	10.62	166	996174	40.591	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	276261	41.548	ng	#	86
59) Diethylphthalate	10.48	149	1107223	43.285	ng		94
60) 4-Chlorophenyl-phenylether	10.61	204	526589	41.179	ng		95
61) 4-Nitroaniline	10.64	138	288425	48.243	ng		94
62) Azobenzene	10.77	77	1052107	39.827	ng		93
64) 4,6-Dinitro-2-methylphenol	10.66	198	10456	8.784	ng		94
65) n-Nitrosodiphenylamine	10.73	169	915989	42.916	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	336797	42.909	ng		91
67) Hexachlorobenzene	11.17	284	340605	41.243	ng	#	90
68) Atrazine	11.25	200	277206	38.722	ng		97
69) Pentachlorophenol	11.37	266	151650	38.364	ng		98
70) Phenanthrene	11.60	178	1433179	42.070	ng		99
71) Anthracene	11.65	178	1473241	42.194	ng		99
72) Carbazole	11.80	167	1326487	42.760	ng		99
73) Di-n-butylphthalate	12.11	149	1643000	46.758	ng		98
74) Fluoranthene	12.79	202	1593720	42.865	ng		96
76) Benzidine	12.91	184	1113298	53.290	ng		99
77) Pyrene	13.02	202	1588891	44.884	ng		98
79) Butylbenzylphthalate	13.62	149	721729	51.344	ng		95
80) Benzo(a)anthracene	14.22	228	1329374	41.427	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	547492	47.608	ng	#	96
82) Chrysene	14.25	228	1213340	41.243	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	981875	51.581	ng		100
84) Di-n-octyl phthalate	14.81	149	1588876	54.731	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.42	276	893841	35.065	ng	#	91
87) Benzo(b)fluoranthene	15.32	252	987122m	41.759	ng		
88) Benzo(k)fluoranthene	15.35	252	930528	42.823	ng	#	96
89) Benzo(a)pyrene	15.72	252	876167	41.391	ng		98
90) Dibenzo(a,h)anthracene	17.45	278	760537	43.424	ng	#	93
91) Benzo(g,h,i)perylene	17.92	276	735557	42.651	ng	#	91

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

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