Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107795.D
Acq On : 30 Jul 2018 12:36
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:16 PM

Quant Time: Jul 30 15:04:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 13:05:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163126	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	719140	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	338960	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	714796	20.00	ng		0.00
75) Chrysene-d12	14.15	240	555485	20.00	ng		0.00
86) Perylene-d12	15.69	264	473384	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	828870m	81.70	ng		0.00
7) Phenol-d6	6.61	99	980982	80.52	ng		0.00
23) Nitrobenzene-d5	7.54	82	965107	90.57	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	378332	98.15	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1909459	85.65	ng		0.00
78) Terphenyl-d14	13.08	244	1965935	90.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	178352	37.767	ng	#	85
3) Pyridine	3.61	79	426275m	33.181	ng		
4) n-Nitrosodimethylamine	3.59	42	187408m	34.588	ng		
6) Aniline	6.64	93	562988	35.830	ng	#	71
8) 2-Chlorophenol	6.75	128	474632	43.665	ng		95
9) Benzaldehyde	6.52	77	303139m	38.048	ng		
10) Phenol	6.62	94	522619	36.477	ng		89
11) bis(2-Chloroethyl)ether	6.70	93	524479	44.154	ng		96
12) 1,3-Dichlorobenzene	6.91	146	508110	41.229	ng		97
13) 1,4-Dichlorobenzene	6.98	146	579225	45.856	ng		100
14) 1,2-Dichlorobenzene	7.13	146	509637	44.959	ng		98
15) Benzyl Alcohol	7.11	79	330181	39.767	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	760676	37.959	ng		70
17) 2-Methylphenol	7.22	107	369419	39.986	ng	#	79
18) Hexachloroethane	7.47	117	196264	44.299	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	328901	41.791	ng		96
20) 3+4-Methylphenols	7.38	107	478550	43.622	ng	#	57
22) Acetophenone	7.38	105	667222	39.506	ng	#	89
24) Nitrobenzene	7.55	77	513301	42.057	ng		97
25) Isophorone	7.78	82	830418	36.499	ng		98
26) 2-Nitrophenol	7.87	139	275611	53.475	ng		99
27) 2,4-Dimethylphenol	7.90	122	347521	35.621	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	563102	37.034	ng		98
29) 2,4-Dichlorophenol	8.11	162	413358	41.453	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	460412	41.109	ng		97
31) Naphthalene	8.27	128	1403081	44.368	ng		100
32) Benzoic acid	8.04	122	254728m	42.622	ng		
33) 4-Chloroaniline	8.32	127	578519	41.855	ng		99
34) Hexachlorobutadiene	8.37	225	276838	41.598	ng		99
35) Caprolactam	8.71	113	121474	37.453	ng	#	82
36) 4-Chloro-3-methylphenol	8.81	107	454471	41.029	ng		98
37) 2-Methylnaphthalene	8.96	142	886281	40.444	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	481030	42.548	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	176269	30.671	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	276244	38.173	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	332410	43.950	ng		95
45) 1,1'-Biphenyl	9.42	154	1259500	42.655	ng		98
46) 2-Chloronaphthalene	9.45	162	948685	42.033	ng		98
47) 2-Nitroaniline	9.56	65	312465	47.488	ng		93
48) Acenaphthylene	9.87	152	1411355	41.627	ng		100
49) Dimethylphthalate	9.72	163	1033769	40.467	ng		99
50) 2,6-Dinitrotoluene	9.80	165	223213	44.009	ng		92
51) Acenaphthene	10.04	154	796689	37.504	ng		100
52) 3-Nitroaniline	9.98	138	284433	46.097	ng		99
53) 2,4-Dinitrophenol	10.09	184	102583	62.733	ng	#	35
54) Dibenzofuran	10.21	168	1288513	41.201	ng		98
55) 4-Nitrophenol	10.16	139	116440m	25.205	ng		
56) 2,4-Dinitrotoluene	10.20	165	299266	48.881	ng	#	94
57) Fluorene	10.55	166	982519	44.037	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	303311	48.186	ng	#	81
59) Diethylphthalate	10.42	149	1075315	40.304	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	537923	42.648	ng		93
61) 4-Nitroaniline	10.60	138	248063	47.851	ng		95
62) Azobenzene	10.71	77	1001572	40.034	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	161422	53.950	ng		93
65) n-Nitrosodiphenylamine	10.67	169	927950	38.225	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	323145	38.404	ng	#	88
67) Hexachlorobenzene	11.11	284	366965	39.636	ng	#	85
68) Atrazine	11.19	200	282219	38.076	ng		97
69) Pentachlorophenol	11.31	266	194135	33.570	ng		98
70) Phenanthrene	11.52	178	1359372	39.026	ng		99
71) Anthracene	11.58	178	1531571	43.671	ng		99
72) Carbazole	11.74	167	1543321	42.318	ng		99
73) Di-n-butylphthalate	12.04	149	1667583	40.390	ng		99
74) Fluoranthene	12.72	202	1565450	41.882	ng		97
76) Benzidine	12.85	184	752887	47.064	ng		99
77) Pyrene	12.95	202	1558312	41.013	ng		98
79) Butylbenzylphthalate	13.55	149	706046	43.209	ng		95
80) Benzo(a)anthracene	14.14	228	1265645	38.880	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	485304	47.083	ng	#	98
82) Chrysene	14.18	228	1326510	42.421	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	872146	37.827	ng		98
84) Di-n-octyl phthalate	14.72	149	1428900	39.872	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	962135	36.304	ng	#	92
87) Benzo(b)fluoranthene	15.23	252	926114	35.747	ng		97
88) Benzo(k)fluoranthene	15.26	252	1168317	46.029	ng	#	97
89) Benzo(a)pyrene	15.62	252	936869	39.533	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	802992	39.197	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	781211	38.661	ng	#	91

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

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