Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107797.D
Acq On : 30 Jul 2018 13:28
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:21 PM

Quant Time: Jul 30 15:06:14 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	147420	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	630631	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	286823	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	600101	20.00	ng		0.00
75) Chrysene-d12	14.15	240	408575	20.00	ng		0.00
86) Perylene-d12	15.68	264	338433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1095763m	119.51	ng		0.00
7) Phenol-d6	6.61	99	1263938	114.80	ng		0.00
23) Nitrobenzene-d5	7.54	82	1197609	128.16	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	458478	140.57	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2301574	122.01	ng		0.00
78) Terphenyl-d14	13.08	244	2236188	140.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	250952m	58.803	ng		
3) Pyridine	3.60	79	642141m	55.309	ng		
4) n-Nitrosodimethylamine	3.58	42	280286m	57.241	ng		
6) Aniline	6.64	93	734651	51.737	ng	#	69
8) 2-Chlorophenol	6.76	128	618748	62.988	ng		98
9) Benzaldehyde	6.52	77	384099m	53.346	ng		
10) Phenol	6.62	94	756732m	58.444	ng		
11) bis(2-Chloroethyl)ether	6.70	93	682351	63.565	ng		96
12) 1,3-Dichlorobenzene	6.91	146	668013	59.979	ng		99
13) 1,4-Dichlorobenzene	6.98	146	748932	65.608	ng		100
14) 1,2-Dichlorobenzene	7.14	146	622156	60.732	ng		100
15) Benzyl Alcohol	7.11	79	433048	57.714	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	949217	52.414	ng		64
17) 2-Methylphenol	7.22	107	474334	56.812	ng	#	82
18) Hexachloroethane	7.47	117	251896	62.913	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	410259	57.682	ng		98
20) 3+4-Methylphenols	7.38	107	614783	62.011	ng	#	68
22) Acetophenone	7.38	105	842277	56.871	ng	#	85
24) Nitrobenzene	7.55	77	657313	61.415	ng		99
25) Isophorone	7.78	82	1028164	51.532	ng		99
26) 2-Nitrophenol	7.87	139	367628	81.339	ng		98
27) 2,4-Dimethylphenol	7.90	122	459647	53.727	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	713830	53.536	ng		99
29) 2,4-Dichlorophenol	8.11	162	536773	61.385	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	582600	59.320	ng		99
31) Naphthalene	8.27	128	1578627	56.925	ng		99
32) Benzoic acid	8.05	122	315716m	60.241	ng		
33) 4-Chloroaniline	8.32	127	758335	62.564	ng		98
34) Hexachlorobutadiene	8.37	225	344544	59.038	ng		99
35) Caprolactam	8.72	113	153241	53.878	ng	#	85
36) 4-Chloro-3-methylphenol	8.81	107	565801	58.249	ng		98
37) 2-Methylnaphthalene	8.96	142	1108789	57.699	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	596900	62.393	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	242175	49.798	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	362785	59.245	ng		100
43) 2,4,5-Trichlorophenol	9.30	196	423668	66.199	ng		94
45) 1,1'-Biphenyl	9.42	154	1530962	61.274	ng		98
46) 2-Chloronaphthalene	9.45	162	1174262	61.485	ng		99
47) 2-Nitroaniline	9.56	65	387533	69.603	ng		87
48) Acenaphthylene	9.87	152	1696880	59.147	ng		99
49) Dimethylphthalate	9.72	163	1268243	58.669	ng		100
50) 2,6-Dinitrotoluene	9.80	165	287306	66.943	ng	#	89
51) Acenaphthene	10.04	154	982671	54.667	ng		99
52) 3-Nitroaniline	9.98	138	353331	67.672	ng		99
53) 2,4-Dinitrophenol	10.09	184	136277	98.486	ng	#	34
54) Dibenzofuran	10.22	168	1546844	58.452	ng		99
55) 4-Nitrophenol	10.15	139	155036m	39.660	ng		
56) 2,4-Dinitrotoluene	10.21	165	362409	69.955	ng	#	92
57) Fluorene	10.56	166	1189722	63.017	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	329513	61.864	ng		91
59) Diethylphthalate	10.42	149	1299264	57.550	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	651501	61.041	ng		95
61) 4-Nitroaniline	10.61	138	315973	72.030	ng		95
62) Azobenzene	10.71	77	1218694	57.568	ng		94
64) 4,6-Dinitro-2-methylphenol	10.62	198	208064	82.829	ng		95
65) n-Nitrosodiphenylamine	10.67	169	1122371	55.070	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	394488	55.843	ng		92
67) Hexachlorobenzene	11.11	284	443413	57.047	ng	#	86
68) Atrazine	11.19	200	331876	53.333	ng		95
69) Pentachlorophenol	11.31	266	246332	50.738	ng		99
70) Phenanthrene	11.53	178	1616304	55.271	ng		98
71) Anthracene	11.58	178	1818600	61.766	ng		99
72) Carbazole	11.74	167	1852491	60.504	ng		99
73) Di-n-butylphthalate	12.04	149	1941104	56.001	ng		98
74) Fluoranthene	12.72	202	1828486	58.269	ng		96
76) Benzidine	12.85	184	726496	61.744	ng		96
77) Pyrene	12.95	202	1804043	64.552	ng		99
79) Butylbenzylphthalate	13.55	149	783278	65.171	ng		95
80) Benzo(a)anthracene	14.14	228	1321211	55.181	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	481706	63.537	ng	#	93
82) Chrysene	14.18	228	1468920	63.866	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	917356	54.095	ng		98
84) Di-n-octyl phthalate	14.72	149	1456339	55.249	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	1191153	61.106	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	994795	53.709	ng		98
88) Benzo(k)fluoranthene	15.26	252	1175542	64.781	ng	#	97
89) Benzo(a)pyrene	15.62	252	985139	58.145	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	983638	67.162	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	1004870	69.559	ng	#	91

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

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