Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107796.D
Acq On : 30 Jul 2018 13:02
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:19 PM

Quant Time: Jul 30 15:05:42 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	160458	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	699446	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	327905	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	687295	20.00	ng		0.00
75) Chrysene-d12	14.16	240	517068	20.00	ng		0.00
86) Perylene-d12	15.68	264	427231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	969709m	97.17	ng		0.00
7) Phenol-d6	6.61	99	1164256	97.16	ng		0.00
23) Nitrobenzene-d5	7.54	82	1153382	111.29	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	453514	121.62	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2217646	102.83	ng		0.00
78) Terphenyl-d14	13.08	244	2236719	110.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	222194	47.834	ng	#	84
3) Pyridine	3.61	79	570009m	45.107	ng		
4) n-Nitrosodimethylamine	3.59	42	246086m	46.173	ng		
6) Aniline	6.64	93	680890	44.055	ng	#	71
8) 2-Chlorophenol	6.76	128	570328	53.341	ng		99
9) Benzaldehyde	6.52	77	366230m	46.731	ng		
10) Phenol	6.62	94	718561m	50.987	ng		
11) bis(2-Chloroethyl)ether	6.70	93	611122m	52.304	ng		
12) 1,3-Dichlorobenzene	6.91	146	614895	50.723	ng		98
13) 1,4-Dichlorobenzene	6.98	146	690537	55.577	ng		100
14) 1,2-Dichlorobenzene	7.14	146	622455	55.824	ng		99
15) Benzyl Alcohol	7.11	79	395915	48.477	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	889743	45.138	ng		66
17) 2-Methylphenol	7.22	107	446091	49.088	ng	#	80
18) Hexachloroethane	7.47	117	231833	53.197	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	386649	49.946	ng		98
20) 3+4-Methylphenols	7.38	107	574816	53.268	ng	#	63
22) Acetophenone	7.38	105	788256	47.987	ng	#	87
24) Nitrobenzene	7.55	77	619271	52.168	ng		97
25) Isophorone	7.78	82	963452	43.538	ng		98
26) 2-Nitrophenol	7.87	139	339322	67.690	ng		98
27) 2,4-Dimethylphenol	7.90	122	419001	44.157	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	650861	44.011	ng		99
29) 2,4-Dichlorophenol	8.11	162	502592	51.821	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	552223	50.695	ng		99
31) Naphthalene	8.27	128	1603554m	52.135	ng		
32) Benzoic acid	8.05	122	290531m	49.982	ng		
33) 4-Chloroaniline	8.32	127	713960	53.108	ng		99
34) Hexachlorobutadiene	8.37	225	324595	50.148	ng		98
35) Caprolactam	8.71	113	146703	46.505	ng	#	75
36) 4-Chloro-3-methylphenol	8.81	107	542817	50.385	ng		99
37) 2-Methylnaphthalene	8.96	142	1052335	49.374	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	564610	51.624	ng	#	98
40) Hexachlorocyclopentadiene	9.10	237	224263	40.337	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	332977	47.564	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	396347	54.171	ng		97
45) 1,1'-Biphenyl	9.42	154	1449908	50.759	ng		98
46) 2-Chloronaphthalene	9.45	162	1118608	51.233	ng		99
47) 2-Nitroaniline	9.56	65	371257	58.325	ng		92
48) Acenaphthylene	9.87	152	1643658	50.114	ng		99
49) Dimethylphthalate	9.72	163	1228145	49.696	ng		99
50) 2,6-Dinitrotoluene	9.80	165	278151	56.690	ng	#	90
51) Acenaphthene	10.04	154	949734	46.216	ng		99
52) 3-Nitroaniline	9.98	138	322845	54.086	ng		96
53) 2,4-Dinitrophenol	10.08	184	130561	82.534	ng	#	31
54) Dibenzofuran	10.21	168	1499585	49.567	ng		98
55) 4-Nitrophenol	10.15	139	149875m	33.536	ng		
56) 2,4-Dinitrotoluene	10.21	165	344885	58.231	ng	#	90
57) Fluorene	10.56	166	1157664	53.636	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	362289	59.496	ng	#	86
59) Diethylphthalate	10.42	149	1268568	49.150	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	633598	51.926	ng		94
61) 4-Nitroaniline	10.61	138	291925	58.210	ng		96
62) Azobenzene	10.71	77	1184328	48.935	ng		94
64) 4,6-Dinitro-2-methylphenol	10.62	198	199166	69.228	ng		90
65) n-Nitrosodiphenylamine	10.67	169	1090930	46.736	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	389602	48.155	ng	#	89
67) Hexachlorobenzene	11.11	284	429235	48.217	ng	#	87
68) Atrazine	11.20	200	329217	46.194	ng		96
69) Pentachlorophenol	11.31	266	237288	42.674	ng		99
70) Phenanthrene	11.53	178	1585643	47.344	ng		99
71) Anthracene	11.58	178	1795189	53.236	ng		100
72) Carbazole	11.74	167	1812370	51.684	ng		99
73) Di-n-butylphthalate	12.04	149	1916917	48.287	ng		99
74) Fluoranthene	12.72	202	1812158	50.422	ng		97
76) Benzidine	12.85	184	827362	55.563	ng		97
77) Pyrene	12.95	202	1811470	51.218	ng		100
79) Butylbenzylphthalate	13.55	149	809077	53.193	ng		96
80) Benzo(a)anthracene	14.14	228	1455164	48.023	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	537006	55.969	ng	#	96
82) Chrysene	14.18	228	1506954	51.772	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	983319	45.818	ng		99
84) Di-n-octyl phthalate	14.72	149	1577810	47.298	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	1073439	43.513	ng	#	92
87) Benzo(b)fluoranthene	15.23	252	1041005	44.522	ng		98
88) Benzo(k)fluoranthene	15.26	252	1294889	56.526	ng		98
89) Benzo(a)pyrene	15.62	252	1051894	49.181	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	902385	48.808	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	883347	48.438	ng	#	92

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

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