Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115390.D
Acq On : 5 Jul 2019 11:36
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
7/8/2019 2:12:51 PM

Quant Time: Jul 05 13:24:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 11:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145821	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	619039	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	314219	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	599987	20.00	ng		0.00
76) Chrysene-d12	14.06	240	384739	20.00	ng		0.00
87) Perylene-d12	15.53	264	332216	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1739198	184.05	ng		0.00
7) Phenol-d6	6.54	99	2176422	189.76	ng		0.02
23) Nitrobenzene-d5	7.47	82	2032194	201.94	ng		0.01
42) 2,4,6-Tribromophenol	10.73	330	634148	191.38	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	2961239	160.08	ng		0.00
79) Terphenyl-d14	13.01	244	3348370	185.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	454968	102.019	ng		100
3) Pyridine	3.47	79	1268527	100.920	ng		97
4) n-Nitrosodimethylamine	3.43	42	510152	103.530	ng		95
6) Aniline	6.57	93	1591235	100.947	ng		99
8) 2-Chlorophenol	6.69	128	975210	91.781	ng		98
10) Phenol	6.55	94	1309505	97.471	ng		86
11) bis(2-Chloroethyl)ether	6.64	93	995150	100.486	ng		97
12) 1,3-Dichlorobenzene	6.85	146	1049438	88.994	ng		98
13) 1,4-Dichlorobenzene	6.92	146	1047511	88.585	ng		100
14) 1,2-Dichlorobenzene	7.07	146	932565	85.161	ng		99
15) Benzyl Alcohol	7.05	79	884833	105.948	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1366907	95.165	ng		98
17) 2-Methylphenol	7.15	107	877529	100.055	ng		99
18) Hexachloroethane	7.42	117	411003	96.410	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	774199	105.436	ng		100
20) 3+4-Methylphenols	7.31	107	913394	90.193	ng		91
22) Acetophenone	7.32	105	1284305	90.624	ng	#	95
24) Nitrobenzene	7.49	77	1126424	101.604	ng		97
25) Isophorone	7.73	82	2196044	106.528	ng		99
26) 2-Nitrophenol	7.80	139	536753	98.038	ng		99
27) 2,4-Dimethylphenol	7.84	122	868265	96.860	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	1291405	99.114	ng		99
29) 2,4-Dichlorophenol	8.04	162	862146	93.197	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	925643	90.587	ng		99
31) Naphthalene	8.21	128	2635988	86.747	ng		99
32) Benzoic acid	8.00	122	740417	115.714	ng		99
33) 4-Chloroaniline	8.25	127	1280967	92.238	ng		99
34) Hexachlorobutadiene	8.33	225	513476	91.697	ng		98
35) Caprolactam	8.66	113	324878m	104.455	ng		
36) 4-Chloro-3-methylphenol	8.73	107	926301	98.873	ng		100
37) 2-Methylnaphthalene	8.90	142	1762130	86.005	ng		99
38) 1-Methylnaphthalene	9.00	142	1669497	85.318	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	772268	86.974	ng		99
41) Hexachlorocyclopentadiene	9.06	237	484297	91.983	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.17	196	614769	89.680	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	635411	90.008	ng		96
46) 1,1'-Biphenyl	9.36	154	2043356	81.273	ng		98
47) 2-Chloronaphthalene	9.39	162	1767029	86.644	ng		98
48) 2-Nitroaniline	9.48	65	612919	103.086	ng		92
49) Acenaphthylene	9.80	152	2657738	83.644	ng		98
50) Dimethylphthalate	9.67	163	2084838	90.183	ng		99
51) 2,6-Dinitrotoluene	9.73	165	511963	95.924	ng	#	82
52) Acenaphthene	9.97	154	1695878	85.293	ng		100
53) 3-Nitroaniline	9.90	138	587659	90.227	ng		95
54) 2,4-Dinitrophenol	9.99	184	231381	98.277	ng	#	65
55) Dibenzofuran	10.15	168	2287615	80.162	ng		99
56) 4-Nitrophenol	10.05	139	463378	88.743	ng		97
57) 2,4-Dinitrotoluene	10.13	165	662714	96.165	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.26	232	523888	88.502	ng		98
60) Diethylphthalate	10.37	149	2003490	86.216	ng		98
62) 4-Nitroaniline	10.52	138	578745	88.575	ng		99
63) Azobenzene	10.64	77	2076973	95.690	ng		98
65) 4,6-Dinitro-2-methylphenol	10.54	198	318073	106.451	ng		97
66) n-Nitrosodiphenylamine	10.60	169	1639516	87.710	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	614327	94.438	ng		99
68) Hexachlorobenzene	11.04	284	678166	96.046	ng		100
69) Atrazine	11.13	200	469701	78.114	ng		99
70) Pentachlorophenol	11.22	266	435099	96.726	ng		100
71) Phenanthrene	11.45	178	2670580	82.670	ng		99
72) Anthracene	11.50	178	2632021	80.715	ng		98
73) Carbazole	11.65	167	2486476	85.392	ng		98
74) Di-n-butylphthalate	11.99	149	2840199	84.409	ng		99
75) Fluoranthene	12.63	202	2785894	86.435	ng		99
78) Pyrene	12.87	202	2829187	95.686	ng		99
80) Butylbenzylphthalate	13.48	149	1296599	99.368	ng		96
81) Benzo(a)anthracene	14.05	228	2159666	78.231	ng		98
82) 3,3'-Dichlorobenzidine	14.01	252	743485	74.579	ng		98
83) Chrysene	14.09	228	2255806	89.205	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	1433595	83.848	ng		99
85) Di-n-octyl phthalate	14.66	149	2595030	90.335	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1920863	64.193	ng	#	100
88) Benzo(b)fluoranthene	15.11	252	2203947	106.320	ng		99
89) Benzo(k)fluoranthene	15.14	252	1778065	95.648	ng		99
90) Benzo(a)pyrene	15.47	252	1782728	95.417	ng		100
91) Dibenzo(a,h)anthracene	17.04	278	1555977	89.207	ng		99
92) Benzo(g,h,i)perylene	17.47	276	1578105	89.392	ng		99

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

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