Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001508.D
Acq On : 03 Jan 2020 15:01
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
1/6/2020 11:42:35 AM

Quant Time: Jan 03 15:57:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 14:53:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	74291	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	257977	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	166615	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	357323	20.00	ng	0.00
76) Chrysene-d12	21.20	240	318267	20.00	ng	0.00
87) Perylene-d12	23.46	264	385093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	759713	165.27	ng	0.00
7) Phenol-d6	6.89	99	1022286	170.44	ng	0.01
23) Nitrobenzene-d5	8.85	82	1046649	155.80	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	356140	170.97	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	2001165	151.87	ng	0.00
79) Terphenyl-d14	19.69	244	2889692	155.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	160405	84.793	ng	# 68
3) Pyridine	3.66	79	506104m	97.935	ng	
4) n-Nitrosodimethylamine	3.58	42	224549	68.623	ng	# 93
6) Aniline	7.04	93	672008	89.001	ng	98
8) 2-Chlorophenol	7.27	128	398819	86.302	ng	98
10) Phenol	6.91	94	543861	79.357	ng	96
11) bis(2-Chloroethyl)ether	7.14	93	436114	89.950	ng	99
12) 1,3-Dichlorobenzene	7.59	146	488442	84.856	ng	98
13) 1,4-Dichlorobenzene	7.74	146	492899	84.049	ng	98
14) 1,2-Dichlorobenzene	8.05	146	466066	83.422	ng	98
15) Benzyl Alcohol	7.94	79	434514	77.205	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	602806	78.504	ng	98
17) 2-Methylphenol	8.15	107	357355	87.510	ng	95
18) Hexachloroethane	8.78	117	193017	77.369	ng	99
19) n-Nitroso-di-n-propylamine	8.52	70	338635	79.528	ng	97
20) 3+4-Methylphenols	8.48	107	482458	89.031	ng	98
22) Acetophenone	8.52	105	670429	82.181	ng	97
24) Nitrobenzene	8.89	77	527674	79.806	ng	98
25) Isophorone	9.42	82	947570	87.722	ng	98
26) 2-Nitrophenol	9.60	139	208575	88.464	ng	96
27) 2,4-Dimethylphenol	9.67	122	330088	95.189	ng	96
28) bis(2-Chloroethoxy)methane	9.91	93	582090	90.224	ng	100
29) 2,4-Dichlorophenol	10.13	162	408023	95.027	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	476868	90.290	ng	97
31) Naphthalene	10.53	128	1249867	88.756	ng	100
32) Benzoic acid	9.86	122	272516	103.634	ng	97
33) 4-Chloroaniline	10.64	127	549818	95.471	ng	96
34) Hexachlorobutadiene	10.84	225	323193	87.734	ng	99
35) Caprolactam	11.43	113	135819m	106.303	ng	
36) 4-Chloro-3-methylphenol	11.77	107	446410	88.967	ng	99
37) 2-Methylnaphthalene	12.15	142	893243	91.880	ng	99
38) 1-Methylnaphthalene	12.37	142	841570	92.076	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	511295	82.994	ng	98
41) Hexachlorocyclopentadiene	12.52	237	283768	93.131	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.76	196	328588	86.727	ng		99
44) 2,4,5-Trichlorophenol	12.83	196	340132	87.375	ng		96
46) 1,1'-Biphenyl	13.18	154	1132401	81.217	ng		99
47) 2-Chloronaphthalene	13.22	162	940509	83.440	ng		98
48) 2-Nitroaniline	13.41	65	322472	71.446	ng		96
49) Acenaphthylene	14.06	152	1426875	86.597	ng		97
50) Dimethylphthalate	13.82	163	1179803	86.313	ng		100
51) 2,6-Dinitrotoluene	13.92	165	254279	91.616	ng		94
52) Acenaphthene	14.42	154	863249	86.954	ng		99
53) 3-Nitroaniline	14.25	138	281433	94.472	ng		99
54) 2,4-Dinitrophenol	14.45	184	109516	102.186	ng		93
55) Dibenzofuran	14.75	168	1356406	87.203	ng		95
56) 4-Nitrophenol	14.56	139	218719	102.677	ng		97
57) 2,4-Dinitrotoluene	14.72	165	353670	91.680	ng		100
58) Fluorene	15.40	166	1001307	80.484	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.97	232	297947	89.149	ng		99
60) Diethylphthalate	15.20	149	1203559	85.369	ng		99
61) 4-Chlorophenyl-phenylether	15.40	204	539770	82.534	ng		94
62) 4-Nitroaniline	15.43	138	278473	80.722	ng		97
63) Azobenzene	15.70	77	1158151	78.030	ng		98
65) 4,6-Dinitro-2-methylphenol	15.48	198	148276	92.655	ng		94
66) n-Nitrosodiphenylamine	15.62	169	945357	83.452	ng		100
67) 4-Bromophenyl-phenylether	16.30	248	368508	87.228	ng		94
68) Hexachlorobenzene	16.42	284	418083	86.929	ng		97
70) Pentachlorophenol	16.76	266	227720	92.329	ng		99
71) Phenanthrene	17.15	178	1760037	86.334	ng		99
72) Anthracene	17.24	178	1745102	86.472	ng		99
73) Carbazole	17.51	167	1593240	88.550	ng		100
74) Di-n-butylphthalate	18.10	149	2033279	82.348	ng		99
75) Fluoranthene	19.13	202	2113375	92.710	ng		98
77) Benzidine	19.30	184	579448	62.532	ng	#	95
78) Pyrene	19.48	202	2167664	87.719	ng		99
80) Butylbenzylphthalate	20.38	149	950887	82.538	ng		97
81) Benzo(a)anthracene	21.19	228	2054140	88.573	ng		99
82) 3,3'-Dichlorobenzidine	21.13	252	675082	83.829	ng		96
83) Chrysene	21.24	228	1960464	87.579	ng		98
84) Bis(2-ethylhexyl)phthalate	21.16	149	1344829	79.550	ng		99
85) Di-n-octyl phthalate	22.04	149	2362461	84.316	ng		99
86) Indeno(1,2,3-cd)pyrene	25.77	276	2480346	102.596	ng		98
88) Benzo(b)fluoranthene	22.79	252	2138733	84.567	ng		98
89) Benzo(k)fluoranthene	22.84	252	2117196	87.883	ng		99
90) Benzo(a)pyrene	23.37	252	2073346	89.994	ng		99
91) Dibenzo(a,h)anthracene	25.80	278	2025401	89.914	ng		97
92) Benzo(g,h,i)perylene	26.47	276	2096833	97.415	ng		98

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

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