Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000246.D
Acq On : 16 Sep 2019 18:13
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
9/17/2019 1:27:27 PM

Quant Time: Sep 16 18:59:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 17:15:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	404716	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1508250	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	793959	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1402795	20.00	ng		0.00
76) Chrysene-d12	14.00	240	922784	20.00	ng		0.00
87) Perylene-d12	15.48	264	1147988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	4025826	158.62	ng		0.01
7) Phenol-d6	6.44	99	4796946	149.72	ng		0.02
23) Nitrobenzene-d5	7.37	82	4109938	167.20	ng		0.02
42) 2,4,6-Tribromophenol	10.64	330	1394049	208.31	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.94	244	7064410	166.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	1019371	87.318	ng		99
3) Pyridine	3.27	79	2713223	86.264	ng		100
4) n-Nitrosodimethylamine	3.24	42	795933	78.369	ng		99
6) Aniline	6.46	93	3295274	71.066	ng	#	91
8) 2-Chlorophenol	6.59	128	2139511	81.527	ng		99
10) Phenol	6.46	94	2611191	73.353	ng		79
11) bis(2-Chloroethyl)ether	6.54	93	2216076	78.806	ng		96
12) 1,3-Dichlorobenzene	6.74	146	2639728	86.236	ng		98
13) 1,4-Dichlorobenzene	6.82	146	2563551	84.103	ng		97
14) 1,2-Dichlorobenzene	6.97	146	2217258	79.171	ng		97
15) Benzyl Alcohol	6.94	79	1702373	72.468	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1972771	65.237	ng		96
17) 2-Methylphenol	7.06	107	1952162	86.614	ng		98
18) Hexachloroethane	7.31	117	970749	85.868	ng		92
19) n-Nitroso-di-n-propylamine	7.23	70	1318795	72.324	ng		99
22) Acetophenone	7.21	105	2664765	73.763	ng	#	94
24) Nitrobenzene	7.39	77	2116744	79.490	ng		95
25) Isophorone	7.63	82	4355588	83.864	ng		98
26) 2-Nitrophenol	7.69	139	1272397	122.698	ng		96
27) 2,4-Dimethylphenol	7.74	122	1836798	87.776	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	2692272	79.718	ng		98
29) 2,4-Dichlorophenol	7.94	162	1973043	91.695	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	2219369	90.474	ng		98
31) Naphthalene	8.10	128	5567559	80.456	ng		96
32) Benzoic acid	7.89	122	1617535	125.899	ng		99
33) 4-Chloroaniline	8.15	127	2838388	86.968	ng		99
34) Hexachlorobutadiene	8.22	225	1330321	96.246	ng		99
35) Caprolactam	8.55	113	697656m	91.169	ng		
36) 4-Chloro-3-methylphenol	8.64	107	2032060	86.553	ng		100
37) 2-Methylnaphthalene	8.79	142	3942720	81.529	ng		97
38) 1-Methylnaphthalene	8.89	142	3697480	81.147	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	1935491	86.126	ng		99
41) Hexachlorocyclopentadiene	8.95	237	1228357	99.270	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	1425723	91.996	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.12	196	1467723	90.516	ng		97
46) 1,1'-Biphenyl	9.26	154	4326152	77.183	ng		94
47) 2-Chloronaphthalene	9.29	162	3846042	82.661	ng		96
48) 2-Nitroaniline	9.38	65	1070972	85.218	ng		98
49) Acenaphthylene	9.70	152	5529822	80.098	ng		94
50) Dimethylphthalate	9.57	163	4832395	89.317	ng		99
51) 2,6-Dinitrotoluene	9.63	165	1102246	95.981	ng		93
52) Acenaphthene	9.87	154	3447898	79.590	ng		99
53) 3-Nitroaniline	9.80	138	1269188	92.512	ng		98
54) 2,4-Dinitrophenol	9.90	184	600364	165.560	ng	#	89
55) Dibenzofuran	10.05	168	4884238	79.398	ng		96
56) 4-Nitrophenol	9.96	139	956196	97.511	ng		95
57) 2,4-Dinitrotoluene	10.03	165	1441334	98.310	ng	#	89
59) 2,3,4,6-Tetrachlorophenol	10.17	232	1123866	91.540	ng		99
60) Diethylphthalate	10.27	149	4367563	80.648	ng		96
61) 4-Chlorophenyl-phenylether	10.38	204	1951187	81.084	ng		98
62) 4-Nitroaniline	10.42	138	1250038	95.526	ng		97
63) Azobenzene	10.55	77	3550674	68.466	ng		95
65) 4,6-Dinitro-2-methylphenol	10.45	198	724189	145.414	ng		99
66) n-Nitrosodiphenylamine	10.50	169	3553539	85.265	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	1449888	101.702	ng		100
68) Hexachlorobenzene	10.95	284	1564882	100.743	ng		99
70) Pentachlorophenol	11.14	266	861337	102.334	ng		99
71) Phenanthrene	11.36	178	5600897	80.106	ng		96
73) Carbazole	11.57	167	5225518	80.154	ng		97
75) Fluoranthene	12.56	202	5982018	78.733	ng		96
78) Pyrene	12.79	202	6065508	89.348	ng		94
80) Butylbenzylphthalate	13.42	149	3025547	100.027	ng		98
81) Benzo(a)anthracene	14.00	228	4925990	82.380	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	1998336	90.589	ng		99
83) Chrysene	14.03	228	4950434	87.526	ng		96
84) Bis(2-ethylhexyl)phthalate	13.99	149	3117879	79.209	ng		99
85) Di-n-octyl phthalate	14.61	149	6031095	86.948	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	7088135	100.012	ng		98
88) Benzo(b)fluoranthene	15.06	252	6448140	91.957	ng		98
89) Benzo(k)fluoranthene	15.09	252	4975831	77.543	ng		98
90) Benzo(a)pyrene	15.43	252	5681889	89.763	ng		98
91) Dibenzo(a,h)anthracene	17.02	278	5340751	84.371	ng		99
92) Benzo(g,h,i)perylene	17.45	276	5875974	93.785	ng		98

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

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