Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000536.D
Acq On : 07 Oct 2019 10:59
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/8/2019 12:23:43 PM

Quant Time: Oct 07 16:24:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	220923	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	834012	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	480972	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	902760	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	798607	20.00	ng		0.00
87) Perylene-d12	15.44	264	911660	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1187867	86.43	ng		-0.01
7) Phenol-d6	6.40	99	1469067	88.70	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1158921	84.87	ng		-0.01
42) 2,4,6-Tribromophenol	10.60	330	465941	90.91	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2578810	86.75	ng		0.00
79) Terphenyl-d14	12.90	244	3307666	83.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	233968	42.630	ng		97
3) Pyridine	3.16	79	627753	41.863	ng		97
4) n-Nitrosodimethylamine	3.10	42	182147	43.166	ng		93
6) Aniline	6.42	93	894729	44.468	ng		96
8) 2-Chlorophenol	6.55	128	587386	43.305	ng		98
9) Benzaldehyde	6.30	77	362186	41.984	ng		99
10) Phenol	6.42	94	762726	44.980	ng		82
11) bis(2-Chloroethyl)ether	6.49	93	557442	42.729	ng		97
12) 1,3-Dichlorobenzene	6.70	146	715537	43.518	ng		98
13) 1,4-Dichlorobenzene	6.78	146	718702	43.439	ng		97
14) 1,2-Dichlorobenzene	6.93	146	670440	43.890	ng		99
15) Benzyl Alcohol	6.90	79	465101	43.484	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	548073	45.544	ng		98
17) 2-Methylphenol	7.02	107	473997	42.284	ng		98
18) Hexachloroethane	7.28	117	251479	42.707	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	341814	44.775	ng		97
20) 3+4-Methylphenols	7.18	107	598832	45.653	ng	#	80
22) Acetophenone	7.17	105	847346	43.970	ng	#	97
24) Nitrobenzene	7.34	77	562295	42.694	ng		95
25) Isophorone	7.58	82	1041162	42.960	ng		99
26) 2-Nitrophenol	7.66	139	286016	41.296	ng		98
27) 2,4-Dimethylphenol	7.70	122	462032	43.519	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	719195	43.667	ng		99
29) 2,4-Dichlorophenol	7.90	162	520887	43.392	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	607834	43.114	ng		100
31) Naphthalene	8.07	128	1722908	44.232	ng		99
32) Benzoic acid	7.81	122	315580m	47.075	ng		
33) 4-Chloroaniline	8.12	127	759292	44.396	ng		98
34) Hexachlorobutadiene	8.19	225	365332	42.879	ng		98
35) Caprolactam	8.48	113	175652	43.687	ng		97
36) 4-Chloro-3-methylphenol	8.60	107	510830	43.448	ng		95
37) 2-Methylnaphthalene	8.76	142	1182683	45.230	ng		98
38) 1-Methylnaphthalene	8.86	142	1130472	45.755	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	639106	41.982	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	182564	34.524 ng	97
43) 2,4,6-Trichlorophenol	9.04	196	391394	41.765 ng	98
44) 2,4,5-Trichlorophenol	9.08	196	404813	41.839 ng	97
46) 1,1'-Biphenyl	9.23	154	1540535	42.433 ng	98
47) 2-Chloronaphthalene	9.25	162	1185326	42.223 ng	99
48) 2-Nitroaniline	9.35	65	288898	42.506 ng	92
49) Acenaphthylene	9.67	152	1819462	42.958 ng	98
50) Dimethylphthalate	9.53	163	1413955	42.308 ng	99
51) 2,6-Dinitrotoluene	9.59	165	300899	41.287 ng	93
52) Acenaphthene	9.84	154	1078882	41.993 ng	99
53) 3-Nitroaniline	9.76	138	350087	41.922 ng	94
54) 2,4-Dinitrophenol	9.87	184	93190	38.320 ng	95
55) Dibenzofuran	10.02	168	1666116	43.382 ng	97
56) 4-Nitrophenol	9.93	139	222899	41.808 ng	96
57) 2,4-Dinitrotoluene	10.00	165	405937	42.009 ng	94
58) Fluorene	10.36	166	1300743	47.521 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	352221	43.063 ng	100
60) Diethylphthalate	10.23	149	1375856	43.368 ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	683613	46.444 ng	98
62) 4-Nitroaniline	10.37	138	368322	45.860 ng	97
63) Azobenzene	10.51	77	1148712	47.161 ng	99
65) 4,6-Dinitro-2-methylphenol	10.41	198	149734	37.416 ng	92
66) n-Nitrosodiphenylamine	10.47	169	1161748	44.185 ng	98
67) 4-Bromophenyl-phenylether	10.85	248	436876	42.991 ng	99
68) Hexachlorobenzene	10.92	284	473730	41.023 ng	97
69) Atrazine	11.00	200	366637	42.492 ng	97
70) Pentachlorophenol	11.11	266	204098	44.004 ng	96
71) Phenanthrene	11.33	178	2002082	44.158 ng	99
72) Anthracene	11.38	178	2010969	44.733 ng	100
73) Carbazole	11.53	167	1871040	44.899 ng	97
74) Di-n-butylphthalate	11.87	149	2278268	44.879 ng	100
75) Fluoranthene	12.53	202	2246867	44.125 ng	99
77) Benzidine	12.65	184	943728	40.809 ng	100
78) Pyrene	12.76	202	2332384	42.346 ng	99
80) Butylbenzylphthalate	13.39	149	1029251	42.883 ng	97
81) Benzo(a)anthracene	13.96	228	2120793	43.525 ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	860211	44.445 ng	97
83) Chrysene	14.00	228	2061199	43.099 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1356750	44.946 ng	99
85) Di-n-octyl phthalate	14.58	149	2423133	44.288 ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2406634	40.285 ng	99
88) Benzo(b)fluoranthene	15.02	252	2288260	44.243 ng	98
89) Benzo(k)fluoranthene	15.05	252	2048246	41.597 ng	98
90) Benzo(a)pyrene	15.39	252	2048856	42.495 ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1956205	41.834 ng	99
92) Benzo(g,h,i)perylene	17.36	276	1914921	40.301 ng	98

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

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