Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000367.D
Acq On : 23 Sep 2019 17:44
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/24/2019 2:38:37 PM

Quant Time: Sep 24 09:30:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	223909	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	703273	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	395716	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	758111	20.00	ng		0.00
76) Chrysene-d12	14.00	240	637219	20.00	ng		0.00
87) Perylene-d12	15.47	264	742569	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1067850	82.33	ng		0.00
7) Phenol-d6	6.43	99	1367035	85.98	ng		0.00
23) Nitrobenzene-d5	7.35	82	1141228	104.70	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	385585	98.24	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2042142	92.88	ng		0.00
79) Terphenyl-d14	12.93	244	2633631	86.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	234957	40.144	ng		99
3) Pyridine	3.23	79	609718	38.696	ng		99
4) n-Nitrosodimethylamine	3.17	42	170520	38.380	ng		100
6) Aniline	6.45	93	924681	42.183	ng		99
8) 2-Chlorophenol	6.58	128	600801	43.017	ng		97
9) Benzaldehyde	6.33	77	367662	43.417	ng		98
10) Phenol	6.44	94	780004	43.182	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	583571	42.188	ng		99
12) 1,3-Dichlorobenzene	6.73	146	720353	42.981	ng		99
13) 1,4-Dichlorobenzene	6.81	146	730111	43.784	ng		96
14) 1,2-Dichlorobenzene	6.96	146	679015	44.452	ng		99
15) Benzyl Alcohol	6.93	79	497890	43.034	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	539107	41.109	ng		98
17) 2-Methylphenol	7.05	107	500638	41.852	ng		99
18) Hexachloroethane	7.30	117	265260	42.985	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	349486	41.577	ng		97
20) 3+4-Methylphenols	7.20	107	618304	42.744	ng		94
22) Acetophenone	7.19	105	822797	53.987	ng	#	96
24) Nitrobenzene	7.37	77	586509	51.804	ng		98
25) Isophorone	7.61	82	1036504	48.022	ng		98
26) 2-Nitrophenol	7.69	139	252705	42.103	ng		96
27) 2,4-Dimethylphenol	7.73	122	384268	40.193	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	582852	40.601	ng		100
29) 2,4-Dichlorophenol	7.93	162	444164	43.347	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	522773	44.511	ng		99
31) Naphthalene	8.10	128	1435207	44.064	ng		99
32) Benzoic acid	7.82	122	216485m	33.536	ng		
33) 4-Chloroaniline	8.14	127	628675	42.650	ng		100
34) Hexachlorobutadiene	8.22	225	327133	47.008	ng		98
35) Caprolactam	8.50	113	145728	41.807	ng		97
36) 4-Chloro-3-methylphenol	8.63	107	442663	42.555	ng		98
37) 2-Methylnaphthalene	8.79	142	985792	44.274	ng		99
38) 1-Methylnaphthalene	8.89	142	927556	44.472	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	516828	45.680	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	230638	35.499 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	338828	43.279 ng	99
44) 2,4,5-Trichlorophenol	9.11	196	348959	43.530 ng	98
46) 1,1'-Biphenyl	9.25	154	1217968	44.492 ng	99
47) 2-Chloronaphthalene	9.28	162	1013203	44.122 ng	99
48) 2-Nitroaniline	9.37	65	240076	41.168 ng	99
49) Acenaphthylene	9.69	152	1533712	44.432 ng	99
50) Dimethylphthalate	9.55	163	1202095	44.587 ng	99
51) 2,6-Dinitrotoluene	9.61	165	264596	44.635 ng	98
52) Acenaphthene	9.87	154	958243	43.990 ng	100
53) 3-Nitroaniline	9.78	138	295473	42.941 ng	99
54) 2,4-Dinitrophenol	9.89	184	93802	35.816 ng	92
55) Dibenzofuran	10.04	168	1394685	45.291 ng	100
56) 4-Nitrophenol	9.95	139	195829	38.264 ng	95
57) 2,4-Dinitrotoluene	10.02	165	354160	45.700 ng	99
58) Fluorene	10.39	166	1061124	44.614 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	290880	44.096 ng	99
60) Diethylphthalate	10.26	149	1182574	45.597 ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	580242	47.525 ng	98
62) 4-Nitroaniline	10.40	138	300226	44.360 ng	94
63) Azobenzene	10.54	77	923726	42.040 ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	141228	39.619 ng	99
66) n-Nitrosodiphenylamine	10.49	169	969957	42.501 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	379749	44.297 ng	97
68) Hexachlorobenzene	10.95	284	427667	45.632 ng	97
69) Atrazine	11.02	200	223596	34.935 ng	100
70) Pentachlorophenol	11.13	266	178206	34.912 ng	99
71) Phenanthrene	11.35	178	1682467	44.286 ng	100
72) Anthracene	11.40	178	1683758	43.058 ng	100
73) Carbazole	11.56	167	1531940	43.501 ng	100
74) Di-n-butylphthalate	11.90	149	1947176	43.682 ng	99
75) Fluoranthene	12.55	202	1902400	46.634 ng	97
77) Benzidine	12.67	184	777664	34.171 ng	99
78) Pyrene	12.78	202	1921196	40.298 ng	100
80) Butylbenzylphthalate	13.41	149	856340	39.091 ng	99
81) Benzo(a)anthracene	13.99	228	1726403	42.890 ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	712780	44.062 ng	100
83) Chrysene	14.02	228	1674029	42.358 ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1115335	42.413 ng	100
85) Di-n-octyl phthalate	14.60	149	2011583	41.273 ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2039749	42.342 ng	95
88) Benzo(b)fluoranthene	15.05	252	1960548	44.257 ng	98
89) Benzo(k)fluoranthene	15.07	252	1631989	42.234 ng	98
90) Benzo(a)pyrene	15.42	252	1709016	42.399 ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1646558	43.814 ng	97
92) Benzo(g,h,i)perylene	17.42	276	1629806	42.192 ng	97

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

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