Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022727.D
Acq On : 20 Sep 2019 14:32
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:42 AM

Quant Time: Sep 20 15:45:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 15:22:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	187596	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	744582	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	422880	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	819795	20.00	ng		0.00
76) Chrysene-d12	21.37	240	829569	20.00	ng		0.00
87) Perylene-d12	23.65	264	880347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1417220	134.62	ng		0.00
7) Phenol-d6	6.99	99	1812459	129.28	ng		0.00
23) Nitrobenzene-d5	8.98	82	1594538	104.16	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	646167	94.40	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	3655981	107.98	ng		0.00
79) Terphenyl-d14	19.82	244	5099583	89.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	284157	64.423	ng	#	100
3) Pyridine	3.72	79	712954	63.803	ng		100
4) n-Nitrosodimethylamine	3.63	42	279812	41.797	ng		98
6) Aniline	7.16	93	1088006	57.967	ng		99
8) 2-Chlorophenol	7.39	128	720585	57.488	ng		100
9) Benzaldehyde	6.97	77	485549	54.655	ng		99
10) Phenol	7.02	94	849014	57.204	ng		100
11) bis(2-Chloroethyl)ether	7.25	93	672453	57.275	ng		99
12) 1,3-Dichlorobenzene	7.72	146	856147	56.039	ng		100
13) 1,4-Dichlorobenzene	7.86	146	863433	55.669	ng		100
14) 1,2-Dichlorobenzene	8.18	146	822343	54.438	ng		100
15) Benzyl Alcohol	8.06	79	570464	46.291	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	957730	58.876	ng		100
17) 2-Methylphenol	8.26	107	569023	53.753	ng		100
18) Hexachloroethane	8.91	117	317855	47.203	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	505532	45.780	ng		99
20) 3+4-Methylphenols	8.59	107	761026	53.232	ng		98
22) Acetophenone	8.65	105	1060816	55.536	ng	#	99
24) Nitrobenzene	9.02	77	755582	48.207	ng		100
25) Isophorone	9.55	82	1325708	48.796	ng		100
26) 2-Nitrophenol	9.73	139	343239	51.699	ng		100
27) 2,4-Dimethylphenol	9.79	122	555527	55.511	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	904495	56.274	ng		100
29) 2,4-Dichlorophenol	10.26	162	635740	52.644	ng		100
30) 1,2,4-Trichlorobenzene	10.49	180	764937	51.424	ng		99
31) Naphthalene	10.67	128	2171680	56.157	ng		100
32) Benzoic acid	9.94	122	381364	44.642	ng		95
33) 4-Chloroaniline	10.77	127	951650	58.802	ng		99
34) Hexachlorobutadiene	10.96	225	455398	35.680	ng		99
35) Caprolactam	11.56	113	195215m	60.137	ng		
36) 4-Chloro-3-methylphenol	11.90	107	616070	48.264	ng		100
37) 2-Methylnaphthalene	12.28	142	1517359	53.681	ng		99
38) 1-Methylnaphthalene	12.50	142	1440295	53.346	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	833489	50.353	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	477516	61.984	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	502673	50.659	ng		98
44) 2,4,5-Trichlorophenol	12.96	196	524753	52.099	ng		99
46) 1,1'-Biphenyl	13.30	154	2036163	61.225	ng		99
47) 2-Chloronaphthalene	13.33	162	1541673	56.327	ng		99
48) 2-Nitroaniline	13.53	65	423394	48.940	ng		99
49) Acenaphthylene	14.18	152	2313053	55.096	ng		100
50) Dimethylphthalate	13.92	163	1813324	51.003	ng		100
51) 2,6-Dinitrotoluene	14.03	165	388652	55.354	ng		99
52) Acenaphthene	14.53	154	1518226	62.013	ng		100
53) 3-Nitroaniline	14.36	138	450273	64.396	ng		98
54) 2,4-Dinitrophenol	14.56	184	190429	54.868	ng		95
55) Dibenzofuran	14.86	168	2165114	53.220	ng		99
56) 4-Nitrophenol	14.66	139	351669	75.463	ng		99
57) 2,4-Dinitrotoluene	14.82	165	520265	51.615	ng		99
58) Fluorene	15.50	166	1780185	51.906	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	455529	45.362	ng		99
60) Diethylphthalate	15.29	149	1784710	47.603	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	915402	42.351	ng		99
62) 4-Nitroaniline	15.52	138	475262	73.438	ng		99
63) Azobenzene	15.79	77	1620937	44.867	ng		100
65) 4,6-Dinitro-2-methylphenol	15.58	198	246342	50.048	ng		96
66) n-Nitrosodiphenylamine	15.72	169	1514996	57.634	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	553939	45.599	ng		99
68) Hexachlorobenzene	16.51	284	638617	46.272	ng		100
69) Atrazine	16.66	200	506251	58.159	ng		99
70) Pentachlorophenol	16.85	266	356566	53.102	ng		99
71) Phenanthrene	17.24	178	2766681	58.196	ng		100
72) Anthracene	17.33	178	2727821	57.802	ng		100
73) Carbazole	17.60	167	2533771	64.343	ng		100
74) Di-n-butylphthalate	18.17	149	2962187	49.578	ng		100
75) Fluoranthene	19.26	202	3154807	55.029	ng		98
77) Benzidine	19.43	184	1358067	72.988	ng		100
78) Pyrene	19.62	202	3288186	56.313	ng		99
80) Butylbenzylphthalate	20.52	149	1312384	50.250	ng		97
81) Benzo(a)anthracene	21.36	228	3240079	55.538	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	1192494	58.624	ng		98
83) Chrysene	21.42	228	3120304	55.405	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1953034	49.724	ng		98
85) Di-n-octyl phthalate	22.19	149	3142829	49.436	ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	3767691	59.725	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	3254818	55.370	ng		100
89) Benzo(k)fluoranthene	23.02	252	3167541	55.126	ng		100
90) Benzo(a)pyrene	23.56	252	2994444	55.936	ng		99
91) Dibenzo(a,h)anthracene	25.98	278	3119022	54.833	ng		99
92) Benzo(g,h,i)perylene	26.68	276	2932389	58.966	ng		99

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

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