Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092319\
Data File : BM022741.D
Acq On : 23 Sep 2019 14:43
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/24/2019 2:39:15 PM

Quant Time: Sep 24 14:06:50 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 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	236449	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1039022	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	643465	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1315024	20.00	ng		0.00
76) Chrysene-d12	21.37	240	1388160	20.00	ng		0.00
87) Perylene-d12	23.65	264	1477264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1166327	78.23	ng		0.00
7) Phenol-d6	6.99	99	1609624	84.06	ng		0.00
23) Nitrobenzene-d5	8.98	82	1466115	78.33	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	661566	82.36	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	3565188	76.30	ng		0.00
79) Terphenyl-d14	19.82	244	5584939	77.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	226063	37.683	ng	#	100
3) Pyridine	3.72	79	667282	42.200	ng		97
4) n-Nitrosodimethylamine	3.63	42	252910	43.935	ng	#	92
6) Aniline	7.15	93	967544	42.139	ng		98
8) 2-Chlorophenol	7.39	128	614520	40.455	ng		99
9) Benzaldehyde	6.96	77	496116	45.501	ng		98
10) Phenol	7.02	94	758330	42.065	ng		98
11) bis(2-Chloroethyl)ether	7.25	93	603662	42.620	ng		98
12) 1,3-Dichlorobenzene	7.72	146	710852	39.154	ng		99
13) 1,4-Dichlorobenzene	7.86	146	717551	39.041	ng		99
14) 1,2-Dichlorobenzene	8.18	146	696463	39.746	ng		99
15) Benzyl Alcohol	8.06	79	529694	44.208	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	914981	44.471	ng		99
17) 2-Methylphenol	8.26	107	516407	43.277	ng		98
18) Hexachloroethane	8.91	117	265235	39.346	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	482896	45.160	ng		97
20) 3+4-Methylphenols	8.59	107	703766	44.280	ng		100
22) Acetophenone	8.65	105	1112757	43.387	ng	#	99
24) Nitrobenzene	9.02	77	702164	39.207	ng		100
25) Isophorone	9.55	82	1287251	41.826	ng		100
26) 2-Nitrophenol	9.73	139	287513	37.188	ng		98
27) 2,4-Dimethylphenol	9.79	122	520692	40.230	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	887807	41.687	ng		100
29) 2,4-Dichlorophenol	10.26	162	587178	40.126	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	679954	37.767	ng		99
31) Naphthalene	10.67	128	2005796	39.070	ng		100
32) Benzoic acid	9.95	122	402121m	48.272	ng		
33) 4-Chloroaniline	10.77	127	920976	41.317	ng		99
34) Hexachlorobutadiene	10.96	225	399222	37.198	ng		100
35) Caprolactam	11.56	113	202492m	46.676	ng		
36) 4-Chloro-3-methylphenol	11.90	107	615565	43.116	ng		99
37) 2-Methylnaphthalene	12.28	142	1440094	40.299	ng		99
38) 1-Methylnaphthalene	12.50	142	1372764	40.469	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	919124	42.155	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	407522	34.257	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	490433	38.973	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	510031	38.893	ng		99
46) 1,1'-Biphenyl	13.29	154	2259397	42.426	ng		100
47) 2-Chloronaphthalene	13.33	162	1498173	37.744	ng		98
48) 2-Nitroaniline	13.53	65	433806	41.971	ng		98
49) Acenaphthylene	14.18	152	2296200	39.064	ng		100
50) Dimethylphthalate	13.92	163	1864405	40.093	ng		100
51) 2,6-Dinitrotoluene	14.03	165	393999	40.506	ng		95
52) Acenaphthene	14.52	154	1523502	39.617	ng		100
53) 3-Nitroaniline	14.36	138	465140	41.538	ng		96
54) 2,4-Dinitrophenol	14.56	184	189575	41.278	ng		99
55) Dibenzofuran	14.86	168	2197252	39.138	ng		99
56) 4-Nitrophenol	14.66	139	363320	42.213	ng		98
57) 2,4-Dinitrotoluene	14.82	165	537347	42.169	ng		96
58) Fluorene	15.50	166	1827922	40.067	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	453816	39.681	ng		98
60) Diethylphthalate	15.29	149	1888532	41.767	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	936965	39.971	ng		98
62) 4-Nitroaniline	15.52	138	502084	42.767	ng		99
63) Azobenzene	15.79	77	1731266	42.400	ng		98
65) 4,6-Dinitro-2-methylphenol	15.58	198	247482	40.185	ng		99
66) n-Nitrosodiphenylamine	15.72	169	1575558	39.219	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	567321	38.788	ng		99
68) Hexachlorobenzene	16.51	284	656411	38.484	ng		97
69) Atrazine	16.66	200	537341	41.144	ng		99
70) Pentachlorophenol	16.85	266	372856	40.989	ng		99
71) Phenanthrene	17.24	178	2896701	39.039	ng		100
72) Anthracene	17.33	178	2853318	39.677	ng		99
73) Carbazole	17.60	167	2696652	40.297	ng		99
74) Di-n-butylphthalate	18.17	149	3315965	43.701	ng		99
75) Fluoranthene	19.25	202	3386468	40.445	ng		100
77) Benzidine	19.43	184	1623888	42.642	ng		100
78) Pyrene	19.62	202	3551243	39.036	ng		99
80) Butylbenzylphthalate	20.52	149	1501669	43.433	ng		96
81) Benzo(a)anthracene	21.36	228	3551478	39.475	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	1322499	41.450	ng		100
83) Chrysene	21.42	228	3417558	39.182	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	2298479	44.867	ng		99
85) Di-n-octyl phthalate	22.19	149	3717997	45.538	ng		100
86) Indeno(1,2,3-cd)pyrene	25.97	276	3897161	37.435	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	3582745	40.056	ng		99
89) Benzo(k)fluoranthene	23.02	252	3441227	38.775	ng		99
90) Benzo(a)pyrene	23.56	252	3250171	39.435	ng		99
91) Dibenzo(a,h)anthracene	25.98	278	3245816	37.650	ng		98
92) Benzo(g,h,i)perylene	26.67	276	2969463	36.265	ng		99

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

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