Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020235.D
Acq On : 10 May 2019 11:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/13/2019 8:24:52 AM

Quant Time: May 11 01:52:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	70525	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	318118	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	214857	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	536525	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	593071	20.00	ng		0.00
87) Perylene-d12	23.65	264	677255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	329030	76.26	ng		-0.01
7) Phenol-d6	6.95	99	491647	83.41	ng		0.00
23) Nitrobenzene-d5	8.95	82	602798	74.81	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	282137	84.60	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1305860	74.78	ng		-0.02
79) Terphenyl-d14	19.80	244	2561088	75.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	74510	35.212	ng		92
3) Pyridine	3.69	79	229804	42.463	ng		97
4) n-Nitrosodimethylamine	3.62	42	63208	36.422	ng	#	64
6) Aniline	7.11	93	326430	43.995	ng		97
8) 2-Chlorophenol	7.34	128	193653	41.221	ng		98
9) Benzaldehyde	6.93	77	170615	38.244	ng		93
10) Phenol	6.97	94	267797	42.204	ng		91
11) bis(2-Chloroethyl)ether	7.21	93	203932	44.218	ng		96
12) 1,3-Dichlorobenzene	7.66	146	209037	38.244	ng		95
13) 1,4-Dichlorobenzene	7.81	146	213440	38.655	ng		97
14) 1,2-Dichlorobenzene	8.12	146	207461	39.437	ng		98
15) Benzyl Alcohol	8.02	79	234936	41.336	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	158399	41.420	ng		98
17) 2-Methylphenol	8.22	107	178091	43.599	ng		95
18) Hexachloroethane	8.84	117	84790	36.828	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	224430	44.505	ng		96
20) 3+4-Methylphenols	8.55	107	245502	45.222	ng		96
22) Acetophenone	8.60	105	334300	38.451	ng	#	96
24) Nitrobenzene	8.99	77	312399	37.393	ng		96
25) Isophorone	9.50	82	577145	41.535	ng		99
26) 2-Nitrophenol	9.69	139	121521	48.180	ng		91
27) 2,4-Dimethylphenol	9.74	122	164136	39.088	ng		100
28) bis(2-Chloroethoxy)methane	9.99	93	309300	40.870	ng		99
29) 2,4-Dichlorophenol	10.22	162	212096	40.056	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	243400	37.359	ng		97
31) Naphthalene	10.62	128	641409	38.854	ng		99
32) Benzoic acid	9.90	122	126599	43.149	ng		90
33) 4-Chloroaniline	10.74	127	280251	41.246	ng		97
34) Hexachlorobutadiene	10.88	225	161674	35.079	ng		98
35) Caprolactam	11.55	113	77534m	48.971	ng		
36) 4-Chloro-3-methylphenol	11.86	107	257119	41.322	ng		93
37) 2-Methylnaphthalene	12.23	142	490274	40.737	ng		97
38) 1-Methylnaphthalene	12.46	142	482882	41.031	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	304345	36.206	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	200215	40.452	ng		96
43) 2,4,6-Trichlorophenol	12.85	196	196527	41.137	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	209934	39.336	ng		97
46) 1,1'-Biphenyl	13.25	154	674914	38.163	ng		99
47) 2-Chloronaphthalene	13.30	162	533012	37.749	ng		99
48) 2-Nitroaniline	13.52	65	200672	39.920	ng		90
49) Acenaphthylene	14.15	152	886348	39.223	ng		99
50) Dimethylphthalate	13.89	163	710294	38.896	ng		99
51) 2,6-Dinitrotoluene	14.01	165	158206	41.133	ng		91
52) Acenaphthene	14.49	154	500284	38.606	ng		99
53) 3-Nitroaniline	14.35	138	148383	41.567	ng		100
54) 2,4-Dinitrophenol	14.55	184	89493	50.005	ng		89
55) Dibenzofuran	14.82	168	844845	38.651	ng		98
56) 4-Nitrophenol	14.65	139	125791	41.301	ng		85
57) 2,4-Dinitrotoluene	14.80	165	226525	43.344	ng	#	93
58) Fluorene	15.47	166	704306	39.234	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	207484	40.910	ng		96
60) Diethylphthalate	15.24	149	706906	38.423	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	388280	38.174	ng		97
62) 4-Nitroaniline	15.51	138	164653	41.795	ng		92
63) Azobenzene	15.76	77	789969	36.397	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	130580	48.201	ng		94
66) n-Nitrosodiphenylamine	15.69	169	616798	39.069	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	248546	37.778	ng		94
68) Hexachlorobenzene	16.47	284	285838	37.754	ng		96
69) Atrazine	16.64	200	236072	38.263	ng		98
70) Pentachlorophenol	16.82	266	179186	41.365	ng		98
71) Phenanthrene	17.22	178	1152703	38.921	ng		99
72) Anthracene	17.30	178	1147562	38.754	ng		100
73) Carbazole	17.58	167	1037433	38.828	ng		99
74) Di-n-butylphthalate	18.13	149	1242953	38.655	ng		98
75) Fluoranthene	19.23	202	1473256	39.316	ng		99
77) Benzidine	19.43	184	707259	37.301	ng		98
78) Pyrene	19.60	202	1530420	38.435	ng		100
80) Butylbenzylphthalate	20.49	149	603512	41.679	ng		99
81) Benzo(a)anthracene	21.34	228	1610909	38.731	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	624174	39.320	ng		99
83) Chrysene	21.40	228	1563053	38.750	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	880128	39.171	ng		98
85) Di-n-octyl phthalate	22.15	149	1529059	40.944	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1843622	38.425	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1655902	37.026	ng		100
89) Benzo(k)fluoranthene	23.00	252	1559248	38.221	ng		99
90) Benzo(a)pyrene	23.55	252	1552454	38.217	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	1570860	37.184	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1439747	35.897	ng		99

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

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